



Perfect BW

User Manual

Copyright ©2007-2015 on1, Inc. All Rights Reserved.

Table of Contents

Chapter 1: Welcome to Perfect BW	1
Chapter 2: Introduction	2
Using the Help System	2
Contacting onOne Software	2
Additional Help	3
System Requirements	3
Installation	3
Licensing and Registration	4
Opening Files	5
Smart Photos	6
Module Selector	6
Using as Standalone	7
Using with Adobe Photoshop	7
Using with Adobe Lightroom	8
Using with Apple Aperture	10
Using with Other Applications	11
Printing	12
Managing Extras	12
Preferences	15
Chapter 3: Perfect B&W	18
Getting Started	18
Perfect B&W Work Space	18
Perfect B&W Tool Well	19
Navigating the Preview	20
Navigator, Loupe, Histogram and Info	21
Preview Window Modes	22
Using Perfect B&W	23
Browsing Presets	23
Control Panes	26
Adjustment Brushes	29
Targeted Brightness Tool	31
Mask Preview Modes	31
Zones View	32
Presets	33
Menus	34
Keyboard Shortcuts	36
Chapter 4: Index	38

Welcome to Perfect BW



Introduction

This introductory chapter includes general helpful information about how to use this help system, how to contact onOne Software, how to install and access the software, etc. It covers many of the foundation topics that you will need to understand to get started.

Pages in this Section

[Using the Help System](#)
[Contacting onOne Software](#)
[Additional Help](#)
[System Requirements](#)
[Installation](#)
[Licensing and Registration](#)
[Opening Files](#)
[Smart Photos](#)
[Module Selector](#)
[Using as Standalone](#)
[Using with Adobe Photoshop](#)
[Using with Adobe Lightroom](#)
[Using with Apple Aperture](#)
[Using with Other Applications](#)
[Printing](#)
[Managing Extras](#)
[Preferences](#)

Using the Help System

This user guide is html based and readable in most web browsers. On the left side, you will see a table of contents that make it easy to find the section you are looking for. The table of contents is hyperlinked and will take you to the specified section by clicking on them. The main body of the page will show you the content you have requested. Use the scroll-bar at the right to scroll down for additional content. You may see hyperlinks in the body text. They will be blue and underlined. Clicking on one of these hyperlinks will take you to more relevant information.

You use the same forward and back buttons in your browser to navigate this user guide as you would a regular web page. You can even bookmark pages so you can find them quickly later.

If you don't see what you are looking for in the table of contents, try the search field at the upper right. You can type in what you are looking for and an index of pages will be created automatically that contain your search term.

Printing the Manual

You can print individual pages by pressing the Print button at the top of the page. A complete printable PDF version of this user guide is available in the [user guide section](#) of the onOne website. This version may be downloaded and viewed when you do not have an internet connection. The PDF version may also be installed on your tablet or eReader device for viewing off our computer.

Contacting onOne Software

At onOne Software, we value our customers and offer a variety of ways to be contacted.

- Visit our company website at:
www.on1.com
- For technical support please visit:
www.on1.com/support



on1, Inc.

15333 SW Sequoia Parkway Suite 150
Portland, OR 97224

of onOne Software, Inc. Adobe, Photoshop, Photoshop Elements, Lightroom are either registered trademarks or trademarks of Adobe Systems, Incorporated in the United States and/or other countries. Mac OS X, the Mac logo, iPhoto and Aperture are trademarks of Apple, Inc., registered in the U.S. and other countries. Microsoft, Windows 7, Windows 8 are registered trademarks of Microsoft Corporation. All other trademarks are the property of their respective owners. The activation system used by onOne Software, Inc. is licensed under Patent No. 5,490,216. For a full list of license disclosures view the LICENSE.TXT file installed with the software.

Additional Help



Technical Support
Contact technical support at www.on1.com/support or by filling out a [request form](#).



Knowledge Base
Search the [Knowledge Base](#) for common issues, tips & tricks, and compatibility questions.



Frequently Asked Questions
Check the list of [Hot Topics](#) on the onOne web site. This covers the most frequently asked questions.



Video Tutorials
Visit the onOne University for free [online video tutorials](#) and archived webinars. Many users find these to be the best and fastest way to get started and learn new techniques.

System Requirements

	Minimum	Recommended
Operating System	Mac OS X 10.8, 10.9, 10.10 Windows Windows 7 or Windows 8 current maintenance releases, 64 bit only	Mac OSX 10.9, 10.10 Windows Windows 7 or Windows 8 current maintenance releases, 64 bit
Processor	Intel Core 2 Duo, Xeon or better processor(s)	Quad-core Intel Core i5, Xeon or better processors(s)
RAM	8 GB RAM	8+ GB RAM
Hard Drive	1 GB for installation	1 GB for installation Fast 7200 RPM or SSD drives 10% of boot volume should be free for scratch disk
Display	OpenGL 2.0 compatible video card with 256 MB dedicated video RAM, 1280x720 resolution	OpenGL 4.0 compatible video card with 1GB dedicated video RAM, 1920x1080 resolution
Optional Application Integration	Photoshop CS6, CC, CC 2014 Photoshop Elements 11, 12, 13 Photoshop Lightroom 4, 5, 6 Apple Aperture 3.6	Photoshop CC, CC 2014 Photoshop Elements 12, 13 Photoshop Lightroom 5, 6
Other	Internet connection for activation, auto update checking, content downloads and tutorials.	Wacom tablet for pressure sensitive input Hardware display calibration tool

About Windows Video Cards

If you are using Perfect Effects from a Windows based computer, it is important that you have the latest drivers for your video card installed to get the best performance. Check with your video card manufactures website for the latest drivers. Be sure your video card is OpenGL 2 compliant and has 256MB or more of dedicated VRAM. Many integrated video cards on low-end laptops may not meet these requirements.

Installation

To install Perfect Effects, double click the installer icon and allow the installer to guide you. You may have downloaded the installer from the on1, Inc. website or

it may be on a DVD if you elected for a physical shipment.



You should close any supported host applications such as Photoshop, Lightroom or Aperture as well as any standalone versions of onOne products before installing or updating.

Mac OS X

- The application is installed in the Perfect Effects folder in the Applications folder.
- All plug-in files for supported host applications (such as Photoshop, Lightroom, Aperture, and Photoshop Elements) found during the installation process will be installed automatically. You will see a summary of installed plug-ins at the end of installation.
- If a previous versions of Perfect Effects is found, it will be maintained or replaced based on your preference during installation.
- Support files are installed into /Library/Application Support/ and ~/Library/Application Support/ folder.

Windows

- The application is installed in the Perfect Effects directory in the onOne Software directory in the Program Files directory.
- All plug-in files for supported host applications (such as Photoshop, Lightroom, Aperture, and Photoshop Elements) found during the installation process will be installed automatically. You will see a summary of installed plug-ins at the end of installation.
- If a previous versions of Perfect Effects is found, it will be maintained or replaced based on your preference during installation.
- Support files are installed into \ProgramData\onOne Software\.

Uninstalling

To uninstall Perfect Effects, follow these instructions.



You should deactivate your product before uninstalling. This will allow you to transfer your license to another computer.

Mac OSX

1. Go to the Applications/Perfect Effects/Documentation folder.
2. Double click on the Remove Perfect Effects application.

Windows

1. Go to Control Panels.
2. Under Programs select Uninstall a program.
3. In the list that comes up select Perfect Effects and then click on the Uninstall button.

Licensing and Registration

Perfect Effects will operate as a trial version for 30 days from when it is installed. If you have purchased Perfect Effects, you will want to license it so you can continue to use it past the trial period. When you install Perfect Effects it will prompt you to license it. Simply click on the license button and enter your license code. Your license code can be found in your order confirmation email if you purchased the download version directly from on1, Inc. If you purchased a physical copy of Perfect Effects, a sticker on the information card will have the license code on it. Your license code allows you to install Perfect Effects on two computers. When you enter your license code, Perfect Effects communicates with the on1, Inc. activation server and will activate your software. Your software must be licensed and activated to function past the trial period. If the computer you are activating does not have access to the internet, you can manually activate your software by following the manual activation instructions in the license dialog.

If you wish to move your copy of Perfect Effects from one activated computer to new computer you will need to deactivate it first. Deactivation is a simple process. Simply open Perfect Effects and select Deactivate from the Help menu. This will deactivate Perfect Effects on the current machine, allowing you to install and activate it on another machine.

If you lose your activation code, have your computer stolen and can not deactivate it, need to install on more than two computers or have other activation issues please contact on1, Inc. customer by visiting the [support section of the on1, Inc. website](#).

Product Improvement Program

We believe that the best products are made by listening to our customers. We use many methods to gather your ideas and feedback including: emails, surveys, direct conversations, market analysis and the Product Improvement Program. The Product Improvement Program is built into our software and gathers information about how our software is used. It is the most accurate way for us learn what features are important to you and how our products fit into your workflow.

Enrollment in the program is voluntary. When you participate, we collect basic information about how you use our programs and basic information about your computer. This information helps us learn what features are important to you and how we can make our software easier to use. No personal information is collected and you will not be contacted.

You can choose to participate in the Product Improvement Program the first time you launch an on1, Inc. product. You can change your participation later, just click the Help menu, then Help Improve on1, Inc. Products.

You can learn more about the Product Improvement Program [here](#).

Opening Files

Supported File Types

Perfect Effects uses the Photoshop (PSD) file format as its default file type. The Photoshop file format is a commonly supported, publicly documented file format that is also the standard file for Adobe Photoshop. It is also supported by Photoshop Elements, Lightroom, Aperture and many other image editing applications. It supports multilayered images and layer masks making it the perfect format for durable, adjustable imaging. Perfect Effects also supports the opening and saving of the following file types, in RGB either 8 or 16-bits per pixel.

- Photoshop (PSD)
- Photoshop Large Document (PSB)
- Tagged Image File Format TIFF (TIF)
- Joint Photographic Experts Group JPEG (JPG)
- Portable Network Graphic (PNG)
- Camera Raw files from over 200 digital cameras

Photoshop PSD files will maintain all the layers and layer masks you create in Perfect Effects and are recommended as your main file format. Photoshop files may also be saved as a [Smart Photo](#) , which is an onOne specific variant of the Photoshop format that allows you to re-edit your settings at a later date. If your saved file will be larger than 2 GB or 30,000 pixels on a side, your image will automatically be saved in the .PSB or Large Document format. This is a newer version of the PSD file format and still maintains all your layers and masks.

You can use the Edit a Copy or Save As command to save flattened TIF and JPG files or PNG files with transparency. Camera raw files can only be opened, not saved directly. They must be saved as another file type.

Opening Files

You may open an existing file in several ways depending on which product you are using.

	Open Command in the File Menu	Open via Perfect Browse	Drop on the Application Icon	Plug-in from Adobe Photoshop	Plug-in from Adobe Lightroom	Plug-in from Apple Aperture
Perfect Photo Suite	Yes	Yes	Yes	Yes	Yes	Yes
Perfect Browse	Yes	Yes	Yes			
Perfect Layers	Yes		Yes		Yes	Yes
Premium Editions of: Perfect B&W Perfect Effects Perfect Enhance Perfect Portrait Perfect Resize	Yes		Yes	Yes	Yes	Yes
Perfect Effects Free	Yes		Yes	Yes	Yes	Yes
Basic Editions of: Perfect B&W Perfect Effects Perfect Enhance Perfect Portrait Perfect Resize	Yes		Yes			



When opening an existing PSD file that has been editing in Photoshop it may contain unsupported layer types such as text layers, adjustment layers, etc. you will see a warning. You can still open a flattened version of the image if this happens. You can [learn more here](#).

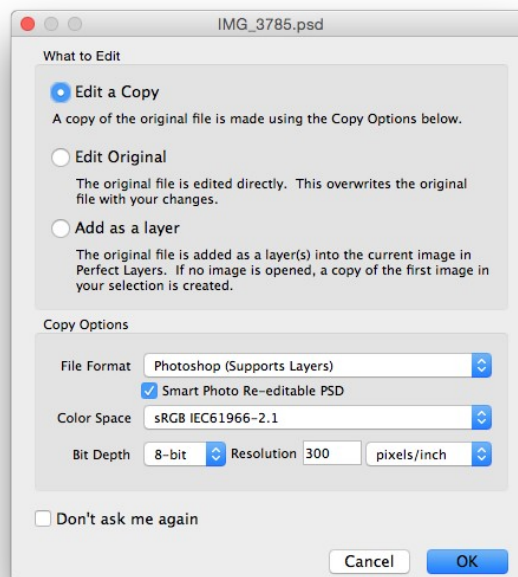
Opening Options

When you open a file(s) you will be presented with the dialog to the right. It allows you to choose to work on the original file, a copy, or to stack the files together as layers.

- **Edit a Copy:** A copy of the original file is made using the Copy Options below and saved in the same folder as the original.
- **Edit Original:** The original file is edited directly. This overwrites the original file with your changes. This option is disabled for Raw or read-only files.
- **Add as a Layer:** The original file is added as a layer(s) into the current image in Perfect Layers. If no image is opened, a copy of the first image in your selection is created.

If you select to open a copy, you can control the file type, color space, bit-depth and resolution. If you have multiple files selected, they will all be handled the same way.

Checking the "Don't ask me again" box will bypass this dialogue box in the future and use the current options selected the next time you open an image.



Smart Photos

Smart Photos are a special PSD format that allows you to save your settings and masks from each module that you use so you can go back and re-edit them later. Any settings you make, including masks and control points, are readjustable later.

Creating a Smart Photo

To create a Smart Photo, select the Smart Photo checkbox in the Edit What dialog when you open an image. If you access Perfect Effects as a plug-in from Lightroom or Aperture you have the choice each time you send a Photoshop file. You can also convert a layer in Perfect Layers to a Smart Layer, which converts the image to a Smart Photo, if you have Perfect Layers.

Re-Editing a Smart Photo

There are several ways to open and re-edit a Smart Photo depending on your product configuration:

- If you have the Perfect Photo Suite you can re-edit a Smart Photo by double-clicking on the module entry in the Smart Photo History pane in Perfect Browse or the Layers pane in Perfect Layers or just click on the module in the module selector.
- If you have a standalone application like Perfect Effects, Perfect B&W, Perfect Portrait or Perfect Enhance, simply open the image and your settings will be reloaded automatically.



Similar to Smart Objects in Photoshop, Smart Photos have certain limitations. You cannot use any tool that will change the original pixels, such as crop or transform. This includes the retouching tools in Perfect Layers, however you can use them in Portrait and Enhance. You cannot change the image size or proportions either, so no crop or Resize.

Module Selector



The Module Selector is a feature of the full Perfect Photo Suite only.

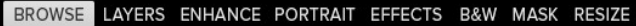
The Perfect Photos Suite is a complete photo editor. It uses a modular approach, allowing each module to focus on one task. This makes accomplishing the task easier by removing unnecessary tools and giving access to just what you need to get the task done. When used as a standalone application, Perfect Browse is

the default module upon first launch, it is used to navigate your drives and cloud services to find images to begin working. In the Preferences you may change the default startup module to Perfect Layers. If you prefer a layered workflow you can use the Layers module as the heart of your workflow, similar to using Adobe Photoshop. Depending on how you access the Perfect Photo Suite you may never notice Browse or Layers.

The Module Selector

If you access the Perfect Photo Suite as a standalone application you will start in Browse or Layers module.

When you are ready to edit an image you will select the module you wish to use from the Module Selector in the upper right corner of the main window. You can easily switch between modules by clicking on another in the Module Selector. This allows you to perform multiple tasks during the same editing session.



This is the module selector from the Perfect Photo Suite. It contains all of the available modules that onOne Software makes. If you have purchased a single product, you will only see that product module and Perfect Layers in your module selector.

If you access the Perfect Photo Suite as a Photoshop Plug-in you see the Module Selector, but it will be disabled, you can only use one module at a time through Photoshop. The Module Selector will also be disabled if you use the following modules through Lightroom or Aperture:

- Perfect Portrait
- Perfect Effects
- Perfect B&W
- Perfect Enhance
- Perfect Resize

When you access these modules, you use them on their own and then return back to Lightroom or Aperture directly. Your file will be saved and closed automatically.



If you want to have access to all your modules during an editing session from Lightroom or Aperture, select the Perfect Photo Suite or Perfect Layers plug-in. This will start you in Perfect Layers and the Module Selector will be visible, allowing you to access all of the installed modules.

Using as Standalone

Perfect Effects can be used as a standalone application without the need of Photoshop, Lightroom or other host application. To launch it follow these steps:

Mac OS X

1. Open your Hard Drive.
2. Navigate to the Applications folder.
3. Navigate to the Perfect Effects folder.
4. Double click on the Perfect Effects application icon.

You can add Perfect Effects to your dock for easy access by clicking and holding the icon in the dock, then select the Keep In Dock option. If you use Launchpad it can be found there as well.

Windows 7

1. Go to your Start Menu.
2. Select the onOne Software group.
3. Select Perfect Effects.

If you selected the "Add Icon to Desktop" option during installation you can also access Perfect Effects from there.

Windows 8

1. Open the Start screen by pressing the Window key.
2. Select Perfect Effects.

If you selected the "Add Icon to Desktop" option during installation you can also access Perfect Effects from there.

Using with Adobe® Photoshop®

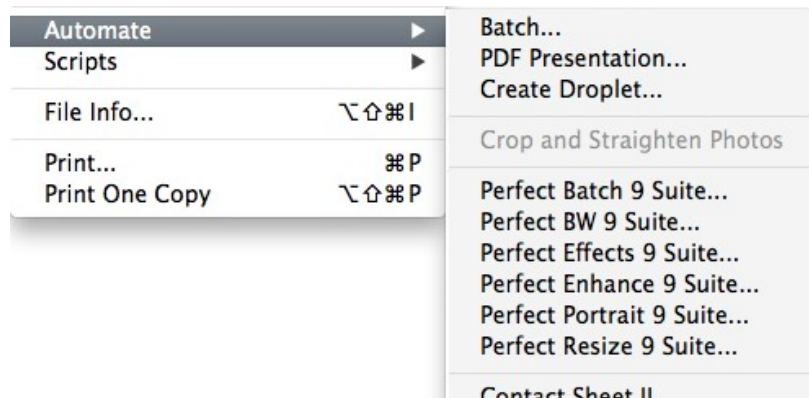


If you have the Premium Edition of Perfect Effects, you can access it as a plug-in through Adobe® Photoshop® or Photoshop® Elements®. This includes the onOne panel for Photoshop for fast access to plug-ins and their presets. As a Photoshop plug-in you can use modules in the Photoshop workflow. This includes using selections and masks as well as Smart Objects and Smart Filters. You can also record actions for automating and batch processing.

If you do not have the Premium Edition of Perfect Effects and would like to use it inside of Photoshop, contact onOne Customer Service about upgrading to the Premium Edition.

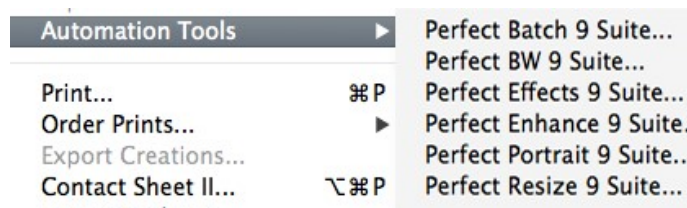
To use Perfect Effects inside of Adobe Photoshop follow these steps:

1. Open the image you want to work on.
2. Select the layer you want to work on. Generally Perfect Effects works on a copy of your selected layer, not the entire image.
3. From the File menu, select Automate, and then the module you would like to use.



To use Perfect Effects inside of Adobe Photoshop Elements, follow these steps:

1. Open the image you want to work on.
2. Select the layer you want to work on. Generally Perfect Effects works on a copy of your selected layer, not the entire image.
3. From the File menu, select Automation Tools, and then the module you would like to use.



Perfect Layers and Browse are not accessible from Adobe Photoshop or Photoshop Elements.

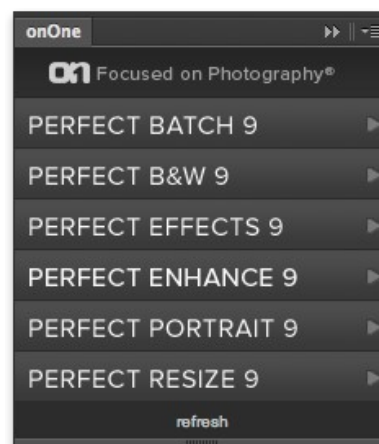
onOne Panel

Users of Adobe Photoshop can also access Perfect Effects as plug-ins using the onOne Extension Panel. This provides fast access to the Perfect Effects and its presets. To access the onOne panel, go the Window > Extensions menu in Photoshop and select **onOne**.


The onOne panel behaves just like any other panel in Photoshop. It can be minimized or nested with other panels. To access a module, simply double-click on it. To use a preset, single click on the module name. A menu of available presets will be displayed. Simply double-click on one to apply it to your selected layer.



If you wish to record actions using Perfect Effects be sure to access it from the File > Automate menu when recording.



Using with Adobe® Lightroom®



If you have the Premium Edition of Perfect Effects you can access Perfect Effects as a plug-in inside of Lightroom. This provides an integrated, round-trip workflow.

Perfect Effects is the perfect companion for Adobe Photoshop Lightroom. It integrates tightly with it and provides a seamless experience for enhancing your images. There are several ways to use Perfect Effects with Lightroom.

Plug-In Extras

Perfect Effects can be accessed from the File > Plug-in Extras menu. This is the preferred way to access it. It gives you access to all installed modules and has the most flexibility in how the files are handled. To edit an image in Perfect Effects follow these steps.

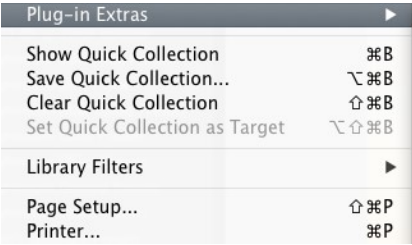
1. Select the image in Lightroom.
2. Go the File menu and select the Plug-In Extras flyout.
3. Select the module you would like to use.

When you access Perfect Effects as a plug-in from Lightroom the module selector is only available for Perfect Layers or Perfect Mask. When you select one of these modules you can use as many modules as you desire during the same editing session. At the end of the editing session you must save and close the image from the Perfect Layers module.

When you select a module other than Perfect Layers or Perfect Mask your image will be sent to it directly and when you press Apply, the image is saved and closed automatically and you are returned back to Lightroom.

Selecting Multiple Images
If you have multiple images selected, the behavior varies depending on which modules you select.

- Perfect Layers or Perfect Mask: Each file will be opened in its own tab. Then you may access any modules available in the Module Selector.
- All other plug-ins: Each image is opened in turn and you may adjust the settings on an image by image basis.



Perfect Photo Suite 8

- Perfect Photo Suite 8
- Perfect Layers 8
- Perfect Mask 8
- Perfect Portrait 8
- Perfect Effects 8
- Perfect B&W 8
- Perfect Enhance 8
- Perfect Resize 8
- Perfect Batch 8

Lightroom Plug-in Preferences

When you use Perfect Effects through the Plug-In Extras menu there are important file handling options that are controlled in the Preferences dialog of the Perfect Layers module. These need to be configured in advance based on your desired workflow.

File Type: The file type drop-down menu determines what type of file will be created. The default is PSD, which maintains layers. You can also select JPG or TIF if you prefer those formats and are not concerned about maintaining layers. The last option is same as source, which maintains the file type of the original file, except for Camera raw files which are saved as PSD.

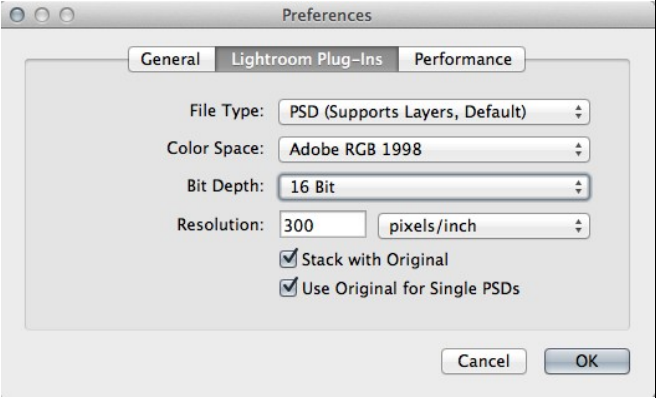
Color Space: The color space drop-down menu determines what RGB working color space is used; Adobe RGB 1998, sRGB or ProPhotoRGB.

Bit Depth: The bit-depth drop-down menu determines the bit depth, either 8-bit or 16-bit per pixel.

Resolution: The resolution drop-down menu determines the resolution of the file.

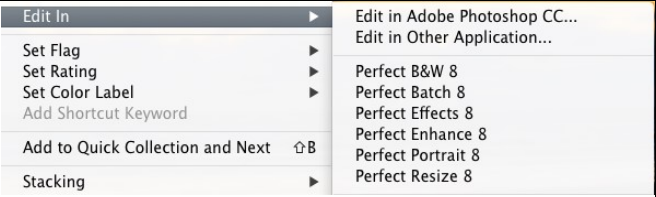
Stack with Original: When enabled, the new image is stacked with the original image, making it easier to organize.

Use Original for Single PSDs: When enabled, if you select a single PSD file, it will be edited directly, rather than having a copy made.



External Editor

You can also access modules as external editors for all modules except Perfect Layers or Perfect Mask. You can access them from the Edit In... contextual menu. These behave similarly to the plug-ins in the Plug-In Extras menu but ignore the preferences set in Perfect Layers. Instead you have the option to control a subset of these options each time you access a module, in the same way you do when you access Photoshop or any other external editor.



Batch Processing

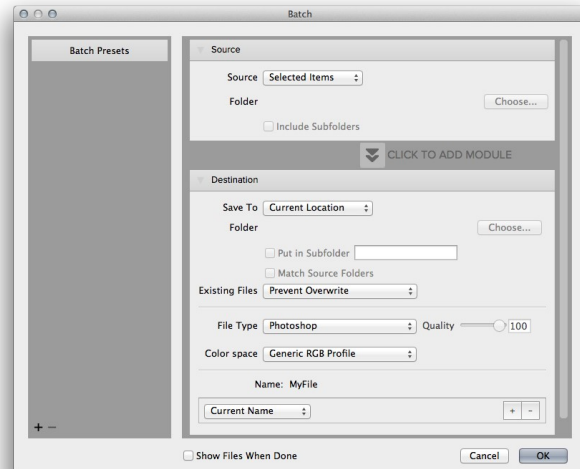
There are two ways to batch process multiple images in Lightroom with Perfect Effects.

Perfect Batch

Perfect Batch is the preferred way to batch process. You start with a selection of images in Lightroom or folder on disk, then batch-process them with multiple modules at the same time to solve complex workflows. For example a portrait photographer can prepare images for a sales session by retouching every face, adding their stylized look and output small JPGs with their logo watermark, all in the same batch process. You can access Perfect Batch from the File > Plug-In Extras menu in Lightroom. You can learn more about using in the Perfect Batch section of this user guide.

Key batch processing features include:

- Start with a selection of images from Lightroom or any folder you select.
- Batch process with a single module for simple jobs or create workflows where you string multiple modules together.
- Save workflows to use over and over.
- Pause on the first image to confirm your set-up, then automatically process the rest to match.
- Add a visual watermark, like your logo, to every image.
- Edit files in place or create new files with different size, name or file type.



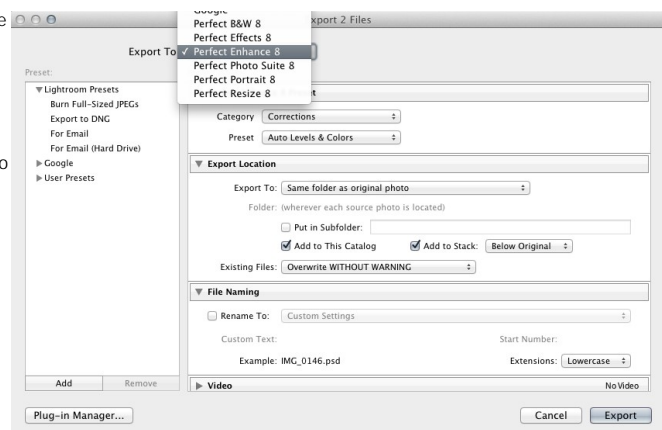
Lightroom Export

You can also batch process with a single module through the Export menu in Lightroom. This is useful if you need to remove metadata or are more comfortable with Lightroom's Export. Batch processing through Export is driven by presets, so you need to create a preset that accomplishes the work you desire first.

1. Select the images you wish to batch process.
2. Go the Export under the File menu.
3. At the top under the Export to drop-down, select the module to use.
4. Complete the module specific options below. These will start with the preset, followed by options for selecting the export location, file naming, file size, etc.
5. Press the export button.



You cannot save Lightroom export presets or use the Export with Previous option.



Using with Apple® Aperture®



If you have the Premium Edition of Perfect Effects you can access Perfect Effects as a plug-in inside of Aperture. This provides an integrated, round-trip workflow.

Perfect Effects integrates tightly with Apple Aperture and provides a seamless experience for enhancing your images.

Perfect Effects can be accessed from the Photo > Edit with Plug-In menu. To edit an image in Perfect Effects follow these steps.

1. Select the image in Aperture.
2. Go the Photo menu and select the Edit with Plug-In flyout.
3. Select the module you would like to use.

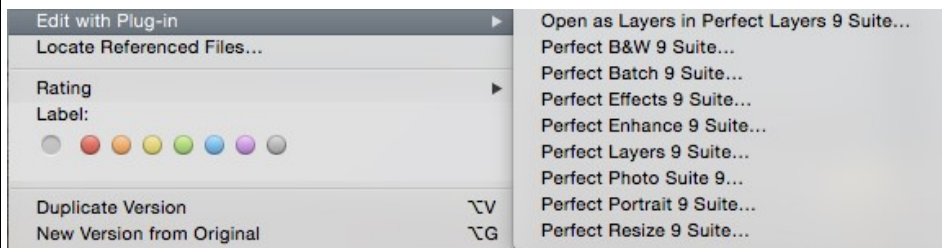
When you access Perfect Effects as a plug-in from Aperture the module selector is only available for Perfect Layers or Perfect Mask. When you select one of these modules you can use as many modules as you desire during the same editing session. At the end of the editing session you must save and close the image from the Perfect Layers module.

When you select a module other than Perfect Layers or Perfect Mask your image will be sent to it directly and when you press Apply, the image is saved and closed automatically and you are returned back to Aperture.

Selecting Multiple Images

If you have multiple images selected, the behavior varies depending on which modules you select.

- Perfect Layers or Perfect Mask: Multiple images will be opened in separate tabs.
- All other plug-ins: Each image will open in a series so you can adjust the settings on each image.



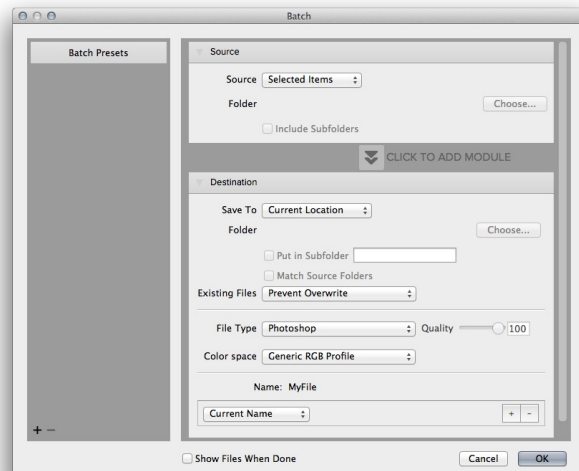
The file type, bit-depth and color space of the image is determined by the preferences in Aperture for external editors. Perfect Effects will maintain the file type, either PSD or TIF automatically to support compatibility with plug-ins from other manufacturers. Keep in mind only PSD files store re-editable layers and mask.

Batch Processing

Perfect Batch is the preferred way to batch process. You start with a selection of images in Aperture or folder on disk, then batch-process them with multiple modules at the same time to solve complex workflows. For example a portrait photographer can prepare images for a sales session by retouching every face, adding their stylized look and output small JPGs with their logo watermark, all in the same batch process. You can access Perfect Batch from the Photo > Edit with Plug-in menu in Lightroom. You can learn more about using in the Perfect Batch section of this user guide.

Key batch processing features include:

- Start with a selection of images from Lightroom or any folder you select.
- Batch process with a single module for simple jobs or create workflows where you string multiple modules together.
- Save workflows to use over and over.
- Pause on the first image to confirm your set-up, then automatically process the rest to match.
- Add a visual watermark, like your logo, to every image.
- Edit files in place or create new files with different size, name or file type.



Using with Other Applications

You can use Perfect Effects as an external editor with many other workflow applications such as Adobe Bridge or Apple iPhoto. First check the application user guide to see if it supports external editors. It should detail how to configure the host application to use an external editor. Generally this will include selecting

Perfect Effects setting the file type to send to it. It is best to use PSD files if supported. Below are the instructions for configuring iPhoto.

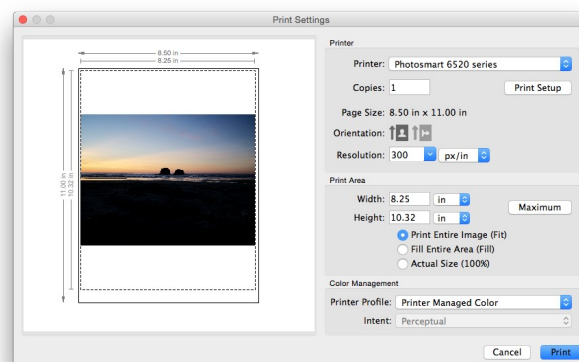
1. Open the Preferences dialog, from the iPhoto menu.
2. Click on the Advanced tab.
3. From the Edit Photos: pop-up select the In Application... option (note if you have ever selected another external editor, it may be listed here instead.)
4. From the Choose dialog that appears, navigate the the Perfect Effects folder, inside the Applications folder and select [Product Name].
5. In the RAW Photos: option, uncheck the Use RAW when using external editor option, and check the Save edits as 16-bit TIFF files option .



Printing

You can print your photos to your printer using the Print function.

1. Select Print from the File menu.
2. Select your printer from the Printer pop-up.
3. Press the Print Setup button to adjust printer specific options such as paper size and type and printer specific color management options.
4. Adjust the number of copies, orientation and output resolution.
5. In the Print Area section set the area you would like to fill with image. The preview on the left shows the paper size and margins as well as the print area and how the image will fit or fill the print area.
6. Select the output Printer Profile and Rendering Intent to properly adjust the photos colors to your printer and paper combination. You may also select the Printer Managed Color option to let your printer driver manage the color instead.



Tip: If you have already cropped and sized your image to your desired print area size, simply set the width and height to match in the Print Area section.

Managing Extras

What are Extras?

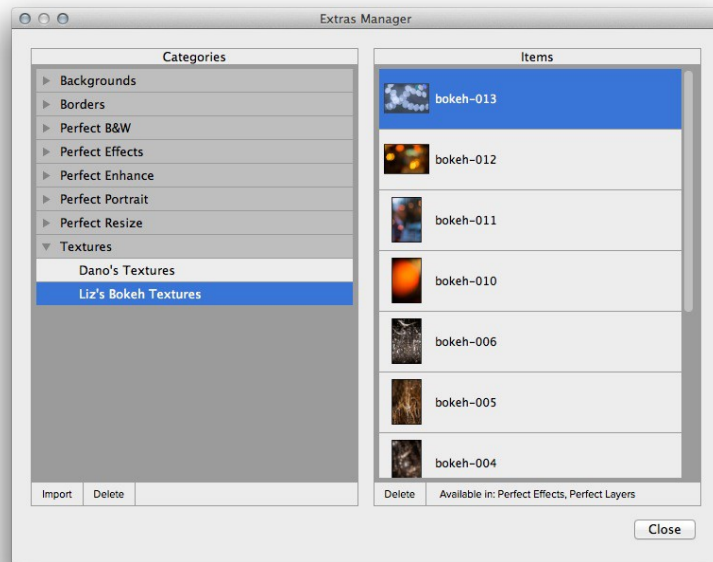
The Extras Manager lets you import and manage your own Extras content. Extras are:

- Backgrounds that can be imported and used in Perfect Layers.
- Borders that can be imported and used in Perfect Layers, Perfect Effects and Perfect B&W.
- Textures that can be imported and used in Perfect Layers and Perfect Effects.
- Presets for Perfect B&W, Perfect Effects, Perfect Enhance, Perfect Portrait and Perfect Resize.

Extras can be content that you download from the onOne website or content that you create on your own.

The Extras manager lets you create categories for each Extra type, import files as extras and delete user-added extras you no longer want.

You can access the Extras Manager from the File menu in Browse and Perfect Layers or the Preset menu in modules that use presets.



How to Import Extras

Importing extras is simple. Start by opening the Extras Manager then follow these steps.

1. Select the type of extras you wish to import in the left column (Backgrounds, Borders, etc.) You can only import extras of one type at a time.
2. Click on the Import button in the footer of the left column. A Finder or Explorer Window will appear where you can select the files to import. If you want to import an entire folder, click into the folder then select the first file, then shift-click on the last file. Click import when you selection is complete
3. Select a category for your extras to live in. This is where you will be able to find it inside of the Perfect Effects. You can select from an existing category or create a new one.

When your extras have been imported you will see them in the Extras Manager in the category you selected, in the type of extra they belong to.

What Type of Images Can I Import as Extras?

Backgrounds and Textures may be any image file that Perfect Effects can open including jpg, tif, raw or psd files. Border files must have a large central area that is transparent. This means that only files that support transparency like png can be imported as borders.

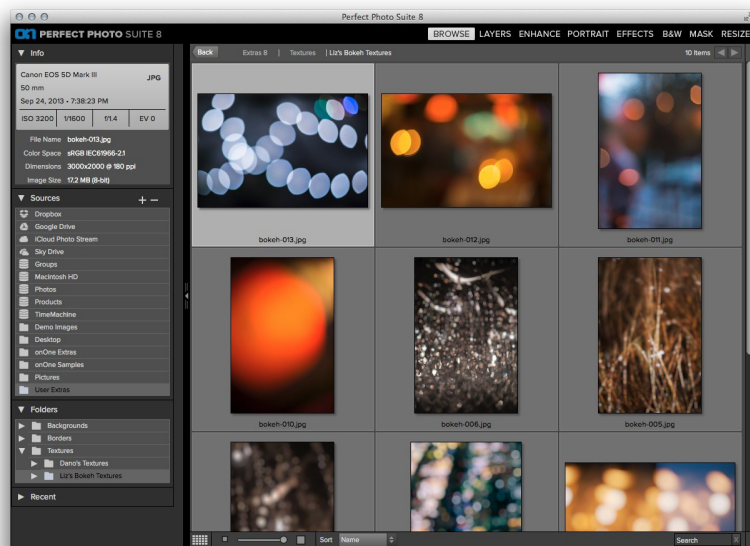


If you have a .ONPreset file that you have downloaded from the onOne Software website, simply double-click on it to install it. There is no need to import it through the Extras Manager.

Browsing Extras

You can browse and open Extras from the Browse module. In the Sources pane there are sources for onOne Extras (extras that are provided by onOne when you installed Perfect Effects) and User Extras where you can browse and open extras you have installed.

Inside each source folder are folders for the Backgrounds, Borders and Textures. You can open these as layers into Perfect Layers to add them to an image or layout you are working on.



Using Extras in Perfect Layers

Browsing extras in Perfect Layers is similar to the Browse module. Click on the Extras tab of the left column mini-browser. You will see top-level folders for onOne Extras and User Extras. Inside of these will be sub-folders for Backgrounds, Borders and Textures. You can double-click on an extra to add it to your current image, just use the "Add as a Layer" option when asked how you want to open the file.

- Then you can use the transform tool to size and position the extra on your image.
- Use the Layers pane to change the order, opacity and blending mode.
- Use the Masking Brush and Masking Bug to selectively apply the extra.
- Use the Perfect Eraser to remove distractions from the extra if needed.

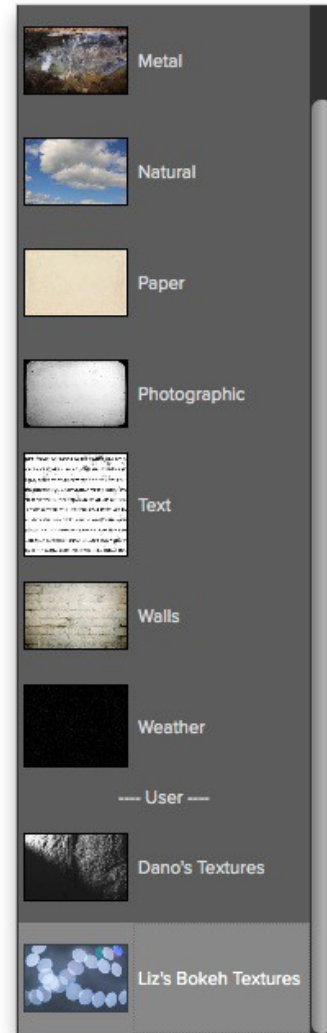
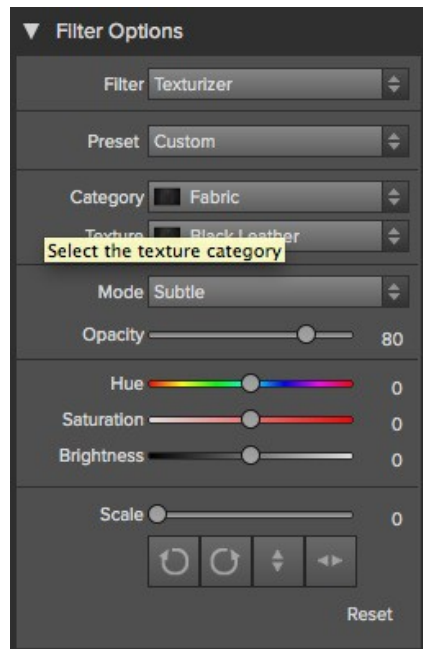
If you save your file as a layered PSD file, you can always re-open the file again and have access to all of the layers and masks for further editing.



How to use in a Module

You can access certain extras, like borders and textures, inside of modules like Perfect Effects and Perfect B&W. To use them follow these steps:

1. Open an image into Perfect Effects.
2. In the Filter Options pane, select the correct filter type, either Borders or Texturizer.
3. From the Category pop-up, select a category you have imported. User added extras categories appear at the bottom of the category list.
4. From the Texture pop-up select a texture from the category you selected.



How to Delete Extras

You can remove imported extras using the Extras Manager. Follow these steps:

1. Open the Extras Manager.
2. Click on the extras type that contains the content you wish to remove. This will display categories within that extras type.
3. To delete an entire category, select in the left column and click on Delete button in the footer of the left column.
4. To delete individual extras, select them in the right column and click on the Delete button in the footer of the right column.



Deleting extras is permanent and can not be undone!

Preferences



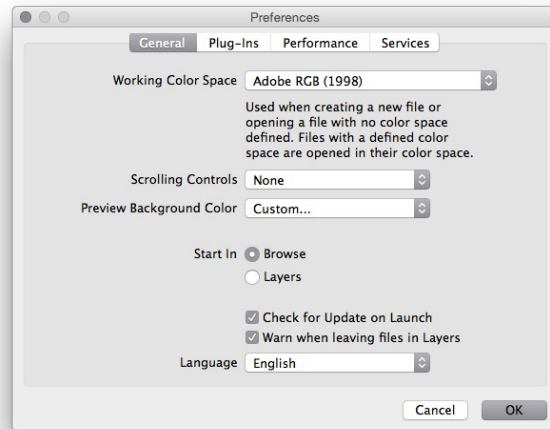
Note: This page refers to the Preferences dialog for the Perfect Photo Suite. If you have an individual product not all of the options detailed below may be available.

The preferences dialog contains general application settings. The preferences are accessed from the Perfect Effects menu on Mac or the Edit menu on Windows.

The preferences contain the following controls:

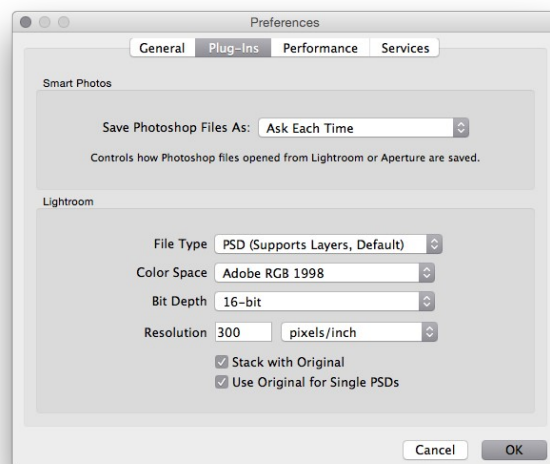
General Settings

1. **Working Color Space:** When a new file is created or file is opened and has no color profile associated with it, this is the assumed color profile for the image. Images that come from plug-ins or have tagged or embedded profiles will use the associated profile instead.
2. **Scrolling Controls:** Lets you select how the mouse scroll wheel or scrolling gesture works. The options are:
 1. **None:** Default
 2. **Preview Zoom:** Adjusts the zoom of the preview window. Scrolling up increases the zoom, scrolling down decreases the zoom. It is important that the zooming is comfortable, not too fast or slow or jerky.
 3. **Preview Pan:** Pans the image, like using the pan tool or navigator. It is important that the panning is comfortable, not too fast or slow or jerky.
 4. **Brush Size:** Adjusts the size of the current tool if relevant, such as a brush tool.
3. **Preview Background Color:** You may select the color of the background behind the preview image. The default color is black. There should be options for black, white, light gray, dark gray and custom... The custom option a color picker where you can select your own background color
4. **Start In:** Determines which module will open at launch. Browse is the default.
5. **Check of Updates on Launch:** Enabled by default, the product will communicate with onOne server at launch and if an update is available it will prompt you to download, or skip.
6. **Warn when leaving files in Layers:** Enabled by default, if you have unsaved files open in Layers and want to close the program a warning dialog will appear with the options to Save & Close, Cancel, or OK which will close without saving.
7. **Language:** Select which language the app user interface is presented in. Usually this is determined automatically but the locale of the operating system but can be manually set.



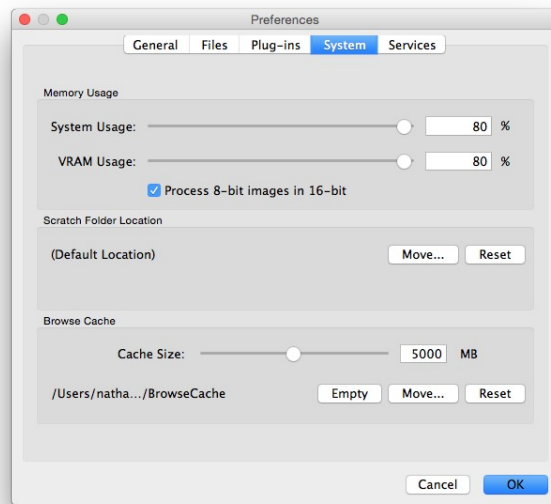
Plug-ins

1. **Smart Photos Save PSD Files As:** When you send a PSD to Perfect Effects via a plug-in from Lightroom or Aperture you can choose between saving the file as a normal photo or a [Smart Photo](#).
2. **File Type:** Specifies four options. PSD (Supports Layers, Defaults Setting. Same as Source (PSD for Raw). TIFF (No Layers). JPEG (No Layers).
3. **Color Space:** Specifies the color space to use when processing copies from Lightroom. This is similar to the working color space pop-up in the general preferences tab, however there are only the three options supported by Lightroom: sRGB, Adobe RGB 1998 and ProPhotoRGB.
4. **Bit Depth:** Sets the bit depth for the copies created by Lightroom, the options are 8 and 16-bit.
5. **Resolution:** Sets the resolution of copies created by Lightroom.
6. **Stack with Original:** Enabled by default, copies created by Lightroom are stacked with their original or source image.
7. **Use Original for Single PSDs:** Enabled by default. If your selection is a single PSD file, the original PSD is opened rather than creating a copy.



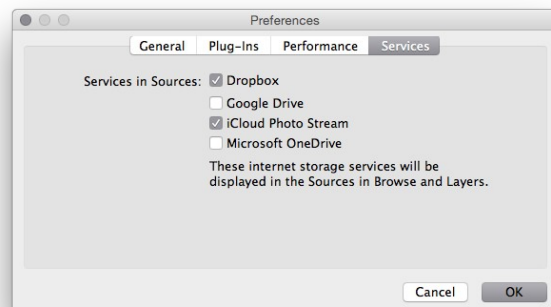
Performance Settings

1. **Memory Usage:** Specifies the amount of system memory (RAM) that is used by the application. The default is 80%.
2. **VRAM Usage:** Specifies the amount of video memory (VRAM) that is used by the application. The default 80%.
3. **Process 8-bit images as 16-bit:** When enabled, 8-bit images are handled in a 16-bit space to reduce processing artifacts. This is recommended unless you have a computer with low memory.
4. **Scratch Folder Location:** Allows you to move or reset your memory cache. This is helpful if you have a small SSD drive as your system drive. This information is purged after each time you quit the application.
5. **Browse Cache:** Stores thumbnails previews on disk so that the next time you browse a folder it loads much faster. Here you can adjust the memory cache size or amount of information stored, empty, move, and or reset.



Services

1. **Services in Sources:** Control which online storage services are displayed in the Sources pane in Perfect Browse.



Perfect B&W

The easiest way to develop stunning black & white images

The pinnacle for many photographers is the perfectly mastered black and white print. With Perfect B&W, you can easily develop your own stunning black and white images. Its powerful and intuitive tools give you instant results with complete creative control. Use Perfect B&W to add dramatic and elegant looks to your photos and create the many moods black and white photography can evoke—resulting in beautiful and provocative imagery.



Some of the features:

- Reproduce vintage styles using film grain and darkroom techniques quickly with a library of well crafted presets.
- Save time and stay focused on your image editing when your library of favorite effects are always nearby.
- Precisely dodge and burn, add detail, and apply selective color with a set of powerful brushes designed for black & white processing.
- Paint inside the lines with precision using the new edge-detecting Perfect Brush.
- Use Blending Modes to blend your black & white image with your original to achieve a unique hand-painted or grungy effect.
- Imply mood and depth with striking detail using the Toner Presets in Perfect B&W.
- Use built-in color filter presets to enhance contrast in your image.
- Adjust the relative brightness of the details you care about, whether it's the sky, foliage, or people.
- Optimize the balance of tone and contrast in your image with the Tone Curve.
- Adjust shadows, mid-tones, and highlights to create the exact look you want.
- Accentuate your images with vignettes, authentic film & darkroom edge effects, and borders.

What This Means For You

Whether you are a hobbyist photographer or a working professional, you can achieve classic black and white looks instantly with a library of expertly crafted effects or customize your own unique look using powerful, darkroom-inspired controls that replicate time-honored processing techniques. Enhance tone and contrast by boosting shadow and highlight details or bring back a touch of selective color. Control the exact appearance of your image using a set of essential adjustment brushes and achieve precise edge detected masking with the all-new Perfect Brush. With Perfect B&W, you'll infuse the artistry of black and white photography and create your own masterpiece.

Getting Started

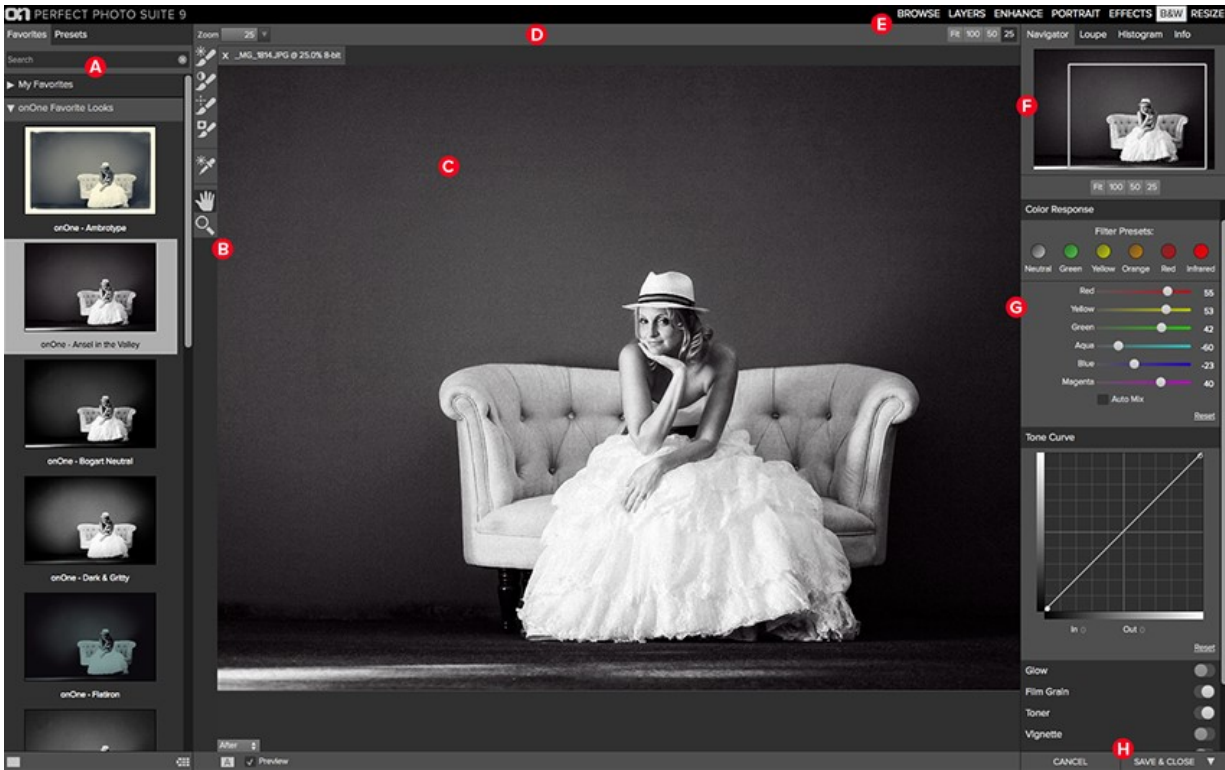
This getting started section will give you the basics of using Perfect B&W. If you have never used Perfect B&W before, this is a good place to start. You might also try watching the [getting started video tutorial](#). For detailed information on steps and controls mentioned in the getting started section, see the "Using Perfect B&W" section instead.



Perfect B&W Work Space

The Perfect B&W Main Screen Overview

Perfect B&W provides you with an easy-to-use work space for editing your photos. Below is an overview of the main sections.










The main window sections of Perfect B&W:

- A.** Browser Section: This is located on the left side of the window. It is where you browse different effects.
- B.** Tool Well: This is where the tools are located.
- C.** Preview Window: This is the main section where you preview and work on images.
- D.** Tools Option Bar: This is where information and options about each tool is set.
- E.** Module Selector: This is where you choose which software module to open.
- F.** The Navigator, Loupe and Histogram Pane: This pane will access navigational, loupe and histogram features.
- G.** The Control Panes: These are located on the right side. It's where you access the ten different control panes.
- H.** The Cancel/Apply Buttons: This is where you cancel or apply an action.

Perfect B&W Tool Well

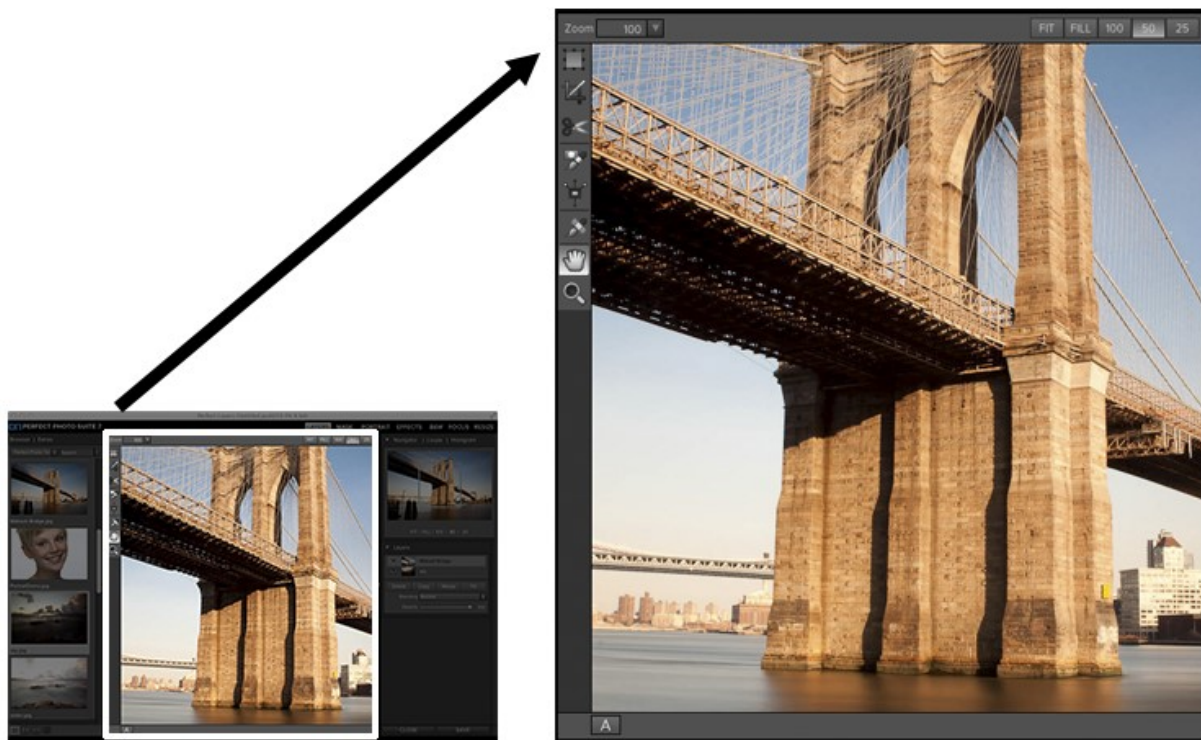
There are seven different tools in the Perfect B&W tool well.

More details about each tool are covered in the following chapters.

	Brightness Brush	This is used to locally lighten or darken areas of the image (burn or dodge).
	Contrast Brush	This is used to locally increase or decrease the amount of contrast in the image.
	Detail Brush	This is used to locally increase or decrease the amount of detail in the image.
	Targeted Brightness	This varies the brightness of a color range by adjusting the Color Response panel settings.
	Selective Color Brush	This is used to locally paint back the color from the original image.
	Hand Tool	This tool drags your image within the preview window when it's larger than the viewable area.
	Zoom Tool	This tool changes the magnification in the preview window.

Navigating the Preview

Perfect BW provides several ways to navigate and view your image in the Preview window.



The Preview Window above is the main section where you preview and work on images.



Hand Tool

The Hand tool is used to position the image within the Preview window, whenever the preview zoom is larger than the viewable area.

To pan (scroll) in the Preview window:

- Select the Hand Tool and drag the image until you locate the area you wish to view.
- With any other tool selected, hold down the spacebar while you drag the image in the window.



Double-click the Hand tool in the Toolbar to set the image to a magnification that fits completely in the current window size.



Zoom Tool

The Zoom tool changes the magnification of the image in the Preview window.

With the Zoom tool selected:

- Click in the Preview window to zoom in and center the image at the location clicked.
- Click and drag in the Preview window to draw a rectangular, the screen fills with the area within the rectangle when you release the mouse.
- Hold the Option key (Mac) or Alt key (Win) and click to zoom out.



Double-click the Zoom tool in the Toolbar to set the image to 1:1 or 100% magnification, showing every pixel. This is best when examining small details.

Navigator, Loupe, Histogram and Info

At the top of the control panel on the right of the main window is the Navigator | Loupe | Histogram | Info panes. It contains four useful tools for inspecting and viewing details of your image.

The Navigator Pane

This gives you a birds-eye view of your image. The blue square region marks the image area that is visible in the preview pane. You can pan your image by clicking and dragging inside the blue region.

At the bottom of the Navigator pane are several Zoom presets. Click on a Zoom preset to activate.

- FIT: Zooms to fit the current canvas size. This allows you to see your entire image.
- 100: Zooms to 100% or actual pixels. This is best for judging small details.
- 50: Zooms to 50%
- 25: Zooms to 25%

The Loupe Pane

This gives you a magnified view of the section of the preview under the cursor. This allows you to view the quality of your results while maintaining a complete view of your image.

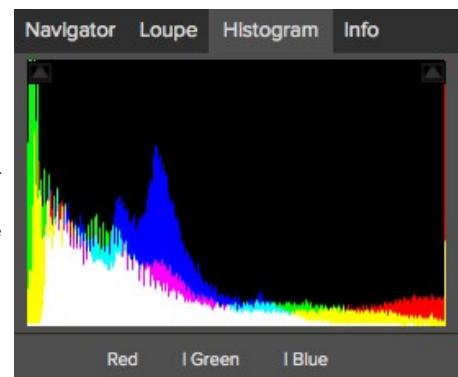
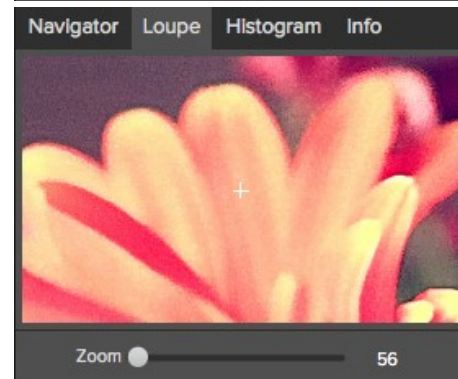
At the bottom of the Loupe Pane is a sliding for adjusting the zoom level.

The Histogram Pane

This gives you a color chart of the shadow, mid-tone and highlight areas based on the image RGB values. This is useful to show areas within the image that may be clipping. Clipping is when your image contains pure blacks or white and can signify loss of highlight or shadow detail.

The left side of the histogram represents the shadows, while the right represents the highlights. At the top of each end is a triangle. If the triangle is lit, there is clipping on that side of the histogram. If you click on the arrows, you will activate the clipping overlay on your image. The areas of your image with a blue overlay are pure black, while the areas with the red overlay are pure white. You can turn the clipping view off again by clicking on one of the triangles. You can also temporarily enable clipping view by holding down the J key at any time. The clipping view is useful when you are making adjusts to the brightness and contrast of your image.

The Histogram pane also displays the RGB values under the cursor at the bottom of the pane.



The Info Pane

The info pane will display important metadata about your file including:

- Camera type
- File type
- Focal length and lens information
- Date and time captured
- Exposure information
 - ISO
 - Shutter Speed
 - Aperture
 - Exposure Value
- Filename
- Color Space
- Dimensions
- File Size and Bit Depth

If your camera allows for GPS the GPS button will be viewable and you can click on it to get the GPS coordinates for where the image was taken. This feature only works if you have GPS enabled on your camera or mobile device. Otherwise you will not see the GPS button.



The Info panel is not visible when you access B&W Module as a Photoshop plug-in.

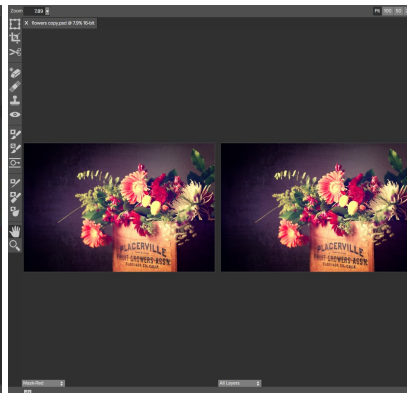


Preview Window Modes

The preview window has several modes including: single image, side-by-side (horizontal or vertical) and split-screen (horizontal or vertical) versions of an image. This allows you to compare layers side-by-side or to view a layer mask and the layer side-by-side. At the bottom left of the Preview Window is a button that toggles and shows the current Preview Mode. You can also change the mode from the View menu.



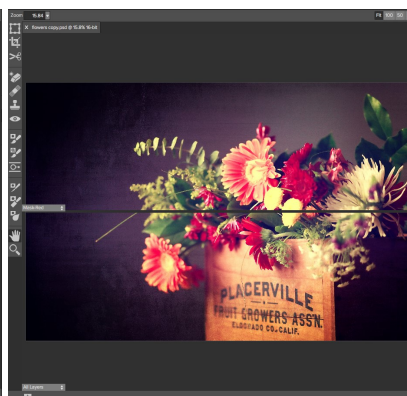
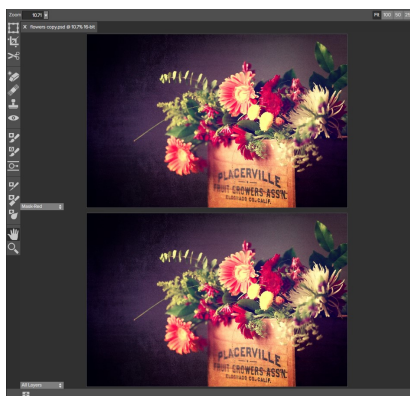
Single Mode Screen.



Left-Right Screen.



Left-Right Split Screen.





Top-Bottom Screen.



Top-Bottom Split Screen.

Tip: You can use the keyboard shortcuts below to quickly switch view modes. Items in parenthesis are for Windows.

- Command (Control) L:** Change the preview mode to Left/Right.
- Command-Option (Control-Alt) L:** Change the preview mode to Left/Right Split screen.
- Command (Control) T:** Change the preview mode to Top/Bottom.
- Command-Option (Control-Alt) T:** Change the preview mode to Top/Bottom Split screen.
- Command (Control) Y:** Change the view mode to single image.

Using Perfect B&W

Pages in this Section

[Browsing Presets](#)

[Control Panes](#)

[Adjustment Brushes](#)

[Targeted Brightness Tool](#)

[Mask Preview Modes](#)

[Zones View](#)

[Presets](#)

[Menus](#)

[Keyboard Shortcuts](#)

Browsing Presets

Built into Perfect BW is a browser, located in the left panel. You can use it to browse the factory supplied presets, presets you have created or downloaded from the onOne Marketplace or for marking and finding your favorites. Below is a description of the controls in the browser.



A. Browser Tabs: This switches between the presets tab, Favorites tab and My Presets tab.

B. Search Field: Use the search field to locate presets and presets. Simply start to type and your results will appear in a new sub-folder called search results while you type.

C. Categories: Categories work just like folders. Select one to open it and view its contents.

D. preset: An preset is displayed as a thumbnail of the image with the preset applied and will have the preset name listed below it.

E. Resize Handle: On the right edge is a resize handle that you can drag to change the size of the browser or close it.

F. Favorite Flag: Click on the flag to mark an preset or preset as a favorite. It will appear in the Favorites tab automatically.

G. Browser Modes: These icons control the browser mode. Either thumbnail columns or list view.

H. Quick View Browser: Pressing this button opens the Quick View Browser where you can see larger versions of each preset.

Browser Tabs

The Browser is divided into three tabs: presets, Favorites and My Presets.

- **Presets:** The presets tab contains the factory presets provided by onOne Software.
- **Favorites:** When you click on the favorite flag on an preset or preset, in any tab, it is added to the Favorites tab automatically. This makes it fast to find the presets and presets you use most frequently.
- **My Presets:** When save your own presets, or install presets from the onOne Marketplace, they will be located here.

Navigating the Browser

- To open a category, click on it. To close it, click on it again.
- Only one top-level folder can be open at a time.
- The selected item, either a category, preset or preset, will have a light silver box around it.
- You can use the up and down arrow keys to change your selection in the browser.
- You can open or close categories using the command (control on Windows) up and down arrows.



You cannot move or delete presets from the browser.

Selecting an preset or Preset to Use

- To activate an preset or preset on your image, simply click on it.

Searching

- To search for presets or presets in the current browser tab, type in the name of the file in the search field.
- The search results appear in a new sub-folder called search results, which will be selected automatically.
- You can clear the search field by pressing the x at the right end of the search field.

Browser Pop-Up

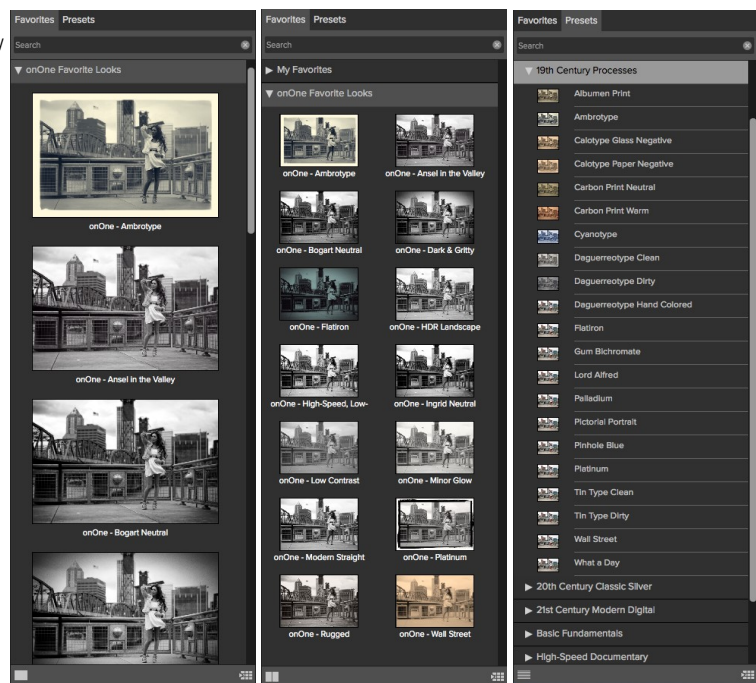
- To view a larger preview on an preset or preset, enable the Show Browser Pop-up in the View menu.
- When you mouse over a thumbnail, a larger preview will be displayed in a pop-up window.

Resizing and Closing the Browser

- The browser can be resized by dragging the resize handle on the right margin of the browser.
- The browser can be closed or reopened by clicking on the resize handle or using the command (control on Windows) left and right arrow keys.

Browser Modes

The browser offers four viewing modes. Three that display thumbnails in columns and one list view. The browser modes are selected using the browser mode icons at the bottom of the browser.



single column view

two column view

list view

Quick View Browser

The Quick View Browser adds an elegant full-screen view of your images, presets and presets. Whether you are looking for the right image or the right look, the Quick View Browser will make fast work of the problem. Just press the Quick View Browser button (or the option (alt) right arrow keyboard shortcut) and you will see the full array of options to choose from. You can visually navigate categories, then dive into them to find just the right look.

- Browse folders and images quickly to find the right one to work on.
- View all your preset or preset categories at one time, then dive into them to find the perfect look with an effortless, tablet feel.
- Variable thumbnail sizes gives you a few large previews or many small ones depending on your screen size and content.
- Back button and breadcrumbs make it easy to navigate a complex folder structure.
- Use your keyboard arrow keys to navigate.
- Press the return key to select an item or open a folder.
- Use the command or control left arrow to go up a folder level.

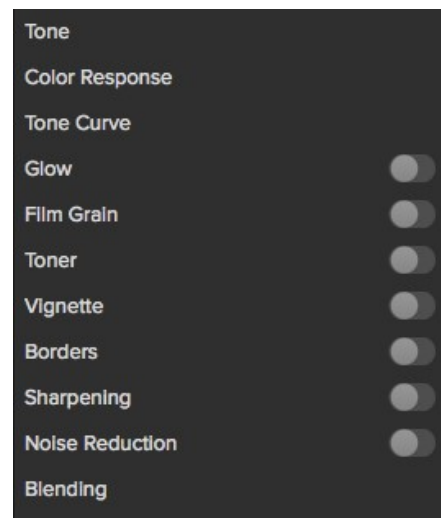


Control Panes

Perfect B&W has a series of ten control panes to convert and enhance your B&W images.

The Control Panes are:

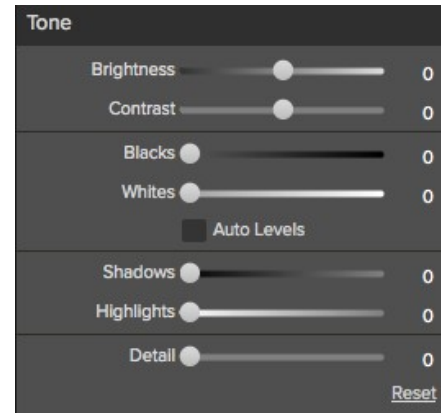
- Tone
- Color Response
- Tone Curve
- Glow
- Film Grain
- Toner
- Vignette
- Border
- Sharpening
- Blending



Tone

The Tone pane controls the global tonality, or brightness and contrast of the image. You can adjust each of the following:

- Brightness: Adjusting the slider to the right will lighten your image. Adjusting to the left will darken your image.
- Contrast: This will increase or decrease the contrast in your image.
- Blacks: This slider will clip the blacks adding more contrast to the blacks.
- Whites: This slider will clip the whites adding more contrast to the whites.
- Auto Levels: This will set the black and white points automatically.
- Shadows: This slider lightens the shadows, revealing details.
- Highlights: This slider darkens the highlights, recovering detail.
- Detail: Increases the detail or structure in your image.

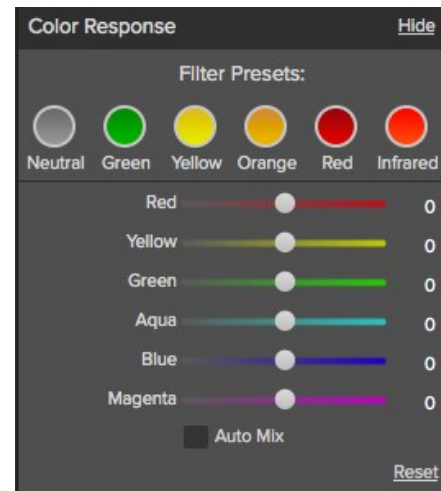


Color Response

The Color Response pane controls the black and white conversion. Get the effect of photographic filters after the shot. Use built-in color filter presets to enhance contrast in your image and adjust the relative brightness of the details, whether it's the sky, foliage, or people.

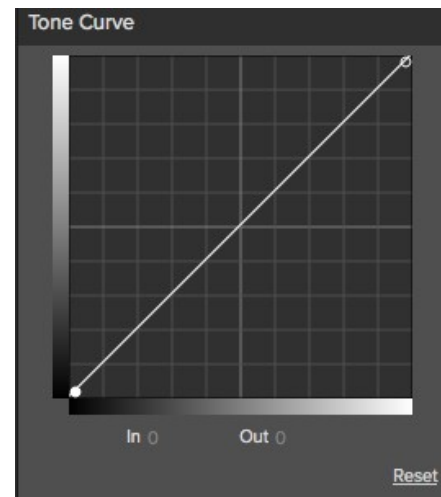
The top section contains presets based on different color filter options. These simulate using different colored filters over the lens when photographing with film.

- Color Sliders: The color sliders increase or decrease the brightness of each color range.
- Auto Mix: When enabled, the color sliders are set automatically.



Tone Curve

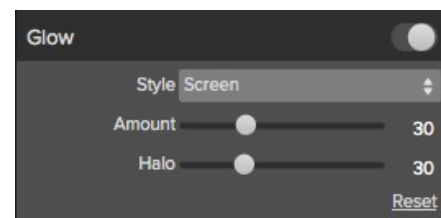
The Tone Curve pane controls the global tonality of the image. You can adjust your shadows, mid-tones and highlights to create the exact look you want.



Glow

The Glow pane controls diffusion over the camera or enlarging lens.

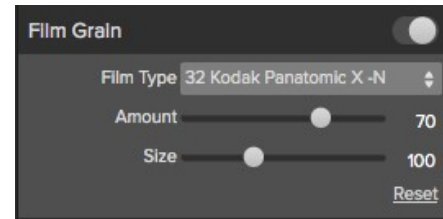
- Style: Sets the blending mode of the glow layer.
- Amount: Adjusts the blur strength or opacity.
- Halo: Adjust the halo, or blur radius.



Film Grain

The Film Grain pane loads an overlay of scanned film grain to add the appearance of film grain. Choose from a selection of carefully crafted film types that integrate realistic grain onto your images.

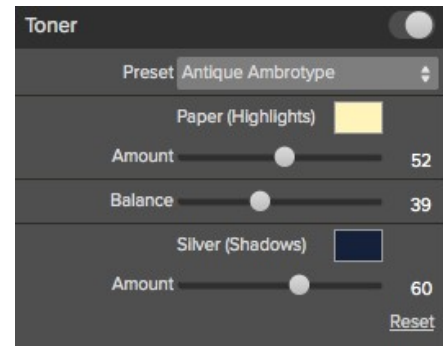
- Film Type: A drop-down list of Film Grains from popular black and white films.
- Amount: Adjusts the strength, or amount of film grain.
- Size: Adjusts the size of the grain, simulating different sizes of film.



Toner

The Toner pane simulates different chemical toners or paper types used in the darkroom. It is divided into two sections. One for toning the paper (the highlights) and one for toning the silver (the shadows). Select from a collection of toners such as copper, cyanotype, selenium, sepia or build your own.

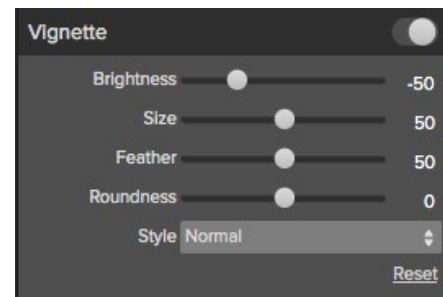
- Preset: A drop-down menu with a selection of toner presets.
- Paper (Highlights): Sets the highlight color.
- Amount: Sets the strength, or opacity of the effect
- Silver (Shadows): Sets the shadow color.
- Balance Sets the transition between the highlight and shadow color.



Vignette

The Vignette pane creates flexible vignettes and authentic film & darkroom edge effects.

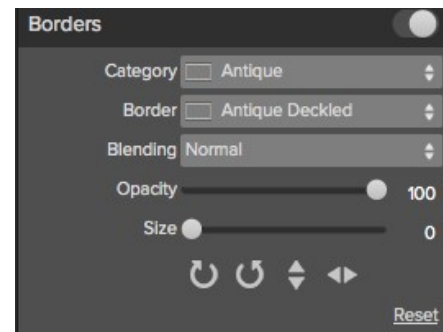
- Brightness: Adjusts the brightness of the vignette, either dark or light.
- Size: Adjusts the size of the vignette.
- Feather: Sets the feather or hardness.
- Roundness: Changes the shape from round to square.
- Style: Sets the blending mode.



Border

The Border pane creates flexible print edges. There are several categories and options to adjust your border.

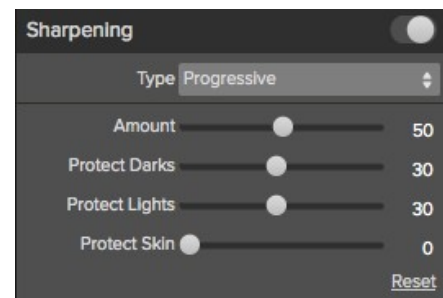
- Category: Sets the category of border.
- Border: Select which border to add.
- Blending: Sets the blending mode for the border.
- Opacity: Sets the strength or opacity.
- Size: Changes the size of the border.
- Rotate & Flip: Rotates or flips the border.



Sharpening

The sharpening pane controls the overall sharpness of an image. There are three types of sharpening: Progressive, High Pass and Unsharp Mask. Each of the types have sliders to adjust the following:

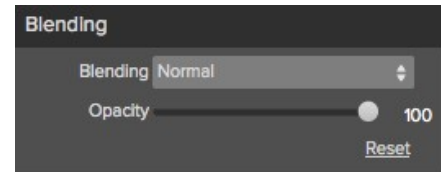
- Type: Sets the type of sharpening: Progressive, High Pass or Unsharp Mask
- Halo: Sets the halo or radius.
- Amount: Sets the amount of sharpening.
- Protect: There are three sliders for adjusting the amount of protection for the Darks, Lights and Skin colors.
- Ethnicity: A drop-down menu to select the ethnicity of the skin to protect.



Blending

The Blending Pane allows you to blend the black and white version back to the original color image. With this you can create subtle antique, hand-colored or grunge looks.

- Blending: Sets the blending mode.
- Opacity: Sets the amount of the added effect to your image.



Adjustment Brushes

Perfect B&W features several adjustment brushes for local control. These brush tools (Brightness, Contrast, Detail and Selective Color) mimic many darkroom techniques like burning, dodging, bleaching, and reducing. There are also options that were almost impossible in the darkroom such as local contrast and sharpening.



Brightness Brush

The Brightness Brush is the most commonly used tool. It allows you to lighten or darken areas of the image where you paint. Think of this as burning or dodging in the darkroom. When you use the Brightness Brush with the Perfect Brush option enabled you have a smart, auto-masking burn and dodge tool that makes it fast and easy to adjust the brightness locally in a realistic way



Contrast Brush

The Contrast Brush works the same as the Brightness Brush but allows you to increase or decrease contrast locally. You can use this tool to enhance your center of interest or to reduce distractions.



Detail Brush

The Detail Brush gives you the power to control the detail or structure of the image locally. You can use it add crispy details to your center of interest or to reduce noise in the sky.



Selective Color Brush

The Selective Color Brush allows you to hand-paint color back into your image, just like painting with oils on a print. The best part is you don't have to pick the color to paint with. Reveal subtle bits of color or paint black and white just where you want it.

Adjusting the Brushes

When you select the adjustment brushes, your tool changes to a circle representing the size of the brush. It will appear as two concentric circles indicating the inner hard edge and outer soft edge of the brush if the feather control is set above zero. There is also either a plus or minus in the center of the brush. Minus means the brush mode is set to paint-out, plus means it is set to paint-in.



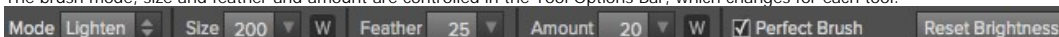
To use the one of the adjustment brushes, select it in the tool well. Then check the brush mode and confirm it is set to the desired mode. Then adjust the size and feather. Next, brush over the image in the areas you wish to adjust.

If you make a mistake it is easy to fix using one of these methods.

- First you can use the Undo command from the edit menu. This will undo the last brush stroke you created.
- You can toggle the paint mode to Paint-In and brush over your mistake.
- You can always reset all the brush strokes for the tool by pressing the Reset button in the Tool Options Bar.

Brightness Brush Tool Options Bar

The brush mode, size and feather and amount are controlled in the Tool Options Bar, which changes for each tool.



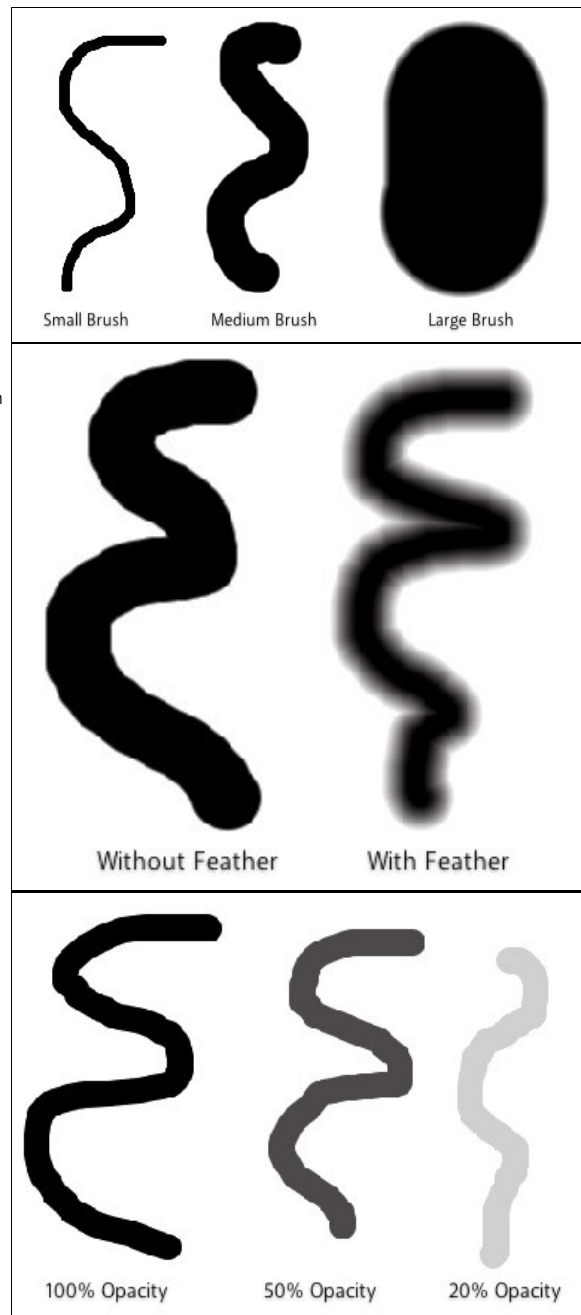
Mode

The mode toggles the control to Lighten or Darken an image when you brush over the image. You can tell your current mode by looking at the plus or minus icon in the center of the brush. If the icon is minus, you are painting out. If the icon is a plus, you are painting-in. You can change the mode in the Tool Options Bar, or by pressing the X key, or by holding down the option (alt) key temporarily.

Size

You can control the size of the brush using the Brush Size Slider. The brush has a range from 1 to 500 pixels. You use a small brush at high magnification for precise work, and a large brush at "fit to screen" for general work. To the right, you can see examples of brush strokes at varying sizes. You can control the size of the brush several ways:

- Use the Brush Size Slider.
- Use the left and right bracket keys ([]).
- Use the mouse scroll wheel (preferences must be set to this).
- Use your Wacom pressure sensitive tablet.



Feather

You control the amount of feathering or hardness of the brush by using the Feather Slider. The feather has a range from 1 to 100 percent. You use a small feather at high magnification for precise, hard-edged work and a large, soft-edged brush at "fit to screen" for general work. You can visually see your feather by watching the outer concentric circle of the brush tool. To the right you can see examples of different feather options. You can control the size of the brush several ways:

- Use the Feather Slider.
- Use the shift + left and right bracket keys ([]).

Amount

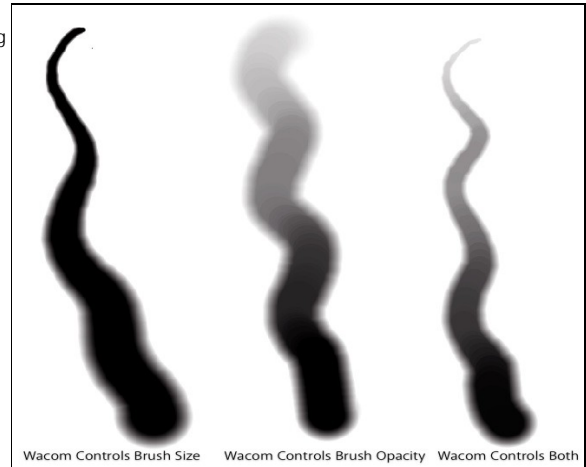
You can control the opacity, or strength of the brush with the Amount Slider. Think of the amount as the shade of gray you are painting with. The opacity has a range from 1 to 100 percent. You use a high opacity to paint quickly and hide large areas. You use a lower opacity for blending areas together or for subtle work. To the right you can see examples of different opacity options. You can control the size of the brush several ways:

- Use the Opacity Slider.
- Use the option (Mac OSX) or alt (Windows) + 0-9 keys.
- Use your Wacom pressure sensitive tablet.

Wacom® Controls

Perfect Layers supports pressure sensitive Wacom tablets. When you use the Masking Brush you, can enable special pressure sensitive controls for the brush size, brush opacity, or both simultaneously. Click on the "W" to activate the pressure sensitive controls.

The harder you press; the greater the size or opacity will get. You can set the maximum value you want to use the Brush Size and Opacity sliders. To the right you can see examples of how pressure sensitivity can be used to control the Masking Brush.

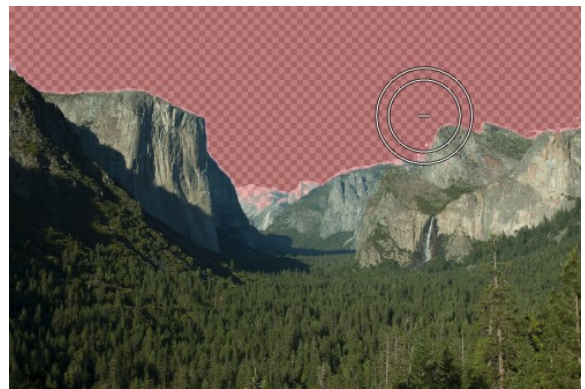


Perfect Brush

The Perfect Brush option enables a unique, color-based, self masking technology. When enabled, as you paint with the Masking Brush it collects the colors under the center of the brush and only masks those colors. This protects the mask from being applied across edges. A great example of using the Perfect Brush option would be to mask a sky along a horizon of mountains.



Tip: You can turn the Perfect Brush on and off using the command or control -r keyboard shortcut. You can also temporarily lock the color to remove by holding down the control key(win) or command key(mac). This is useful when brushing through areas with lots of openings like tree branches.



Targeted Brightness Tool



Targeted Brightness Tool

The Targeted Brightness tool allows you to quickly control the brightness of local areas in the image based on their color. An example of this tool in use would be to darken the sky. By clicking on the sky, the blue or aqua color range would be selected. Then you can decrease the brightness to darken the sky.

Using the Targeted Brightness Tool is simply, follow these steps:

1. Select the Targeted Brightness Tool from the tool-well.
2. Click and hold on the area you would like to make lighter or darker.
3. Drag your mouse to the left to make the area darker, or to the right to make it lighter.

Keep in mind the Targeted Brightness Tool works by adjusting the brightness of an entire color range in the Color Response pane. Darkening the sky will also darken anything else in the scene that is a similar color such as water.

Mask Preview Modes

Mask preview modes allow you to view your image mask in several ways.

The drop-down menu for Mask View Mode is located at the bottom of the Preview Window.

A close-up of the Mask View Modes



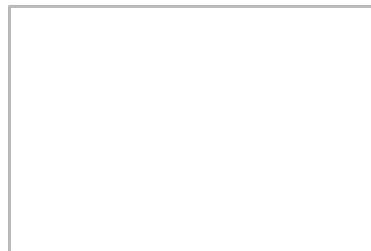
- **Before:** Shows the original image with no effects applied.
- **After:** Shows the image with the current effect stack applied.
- **Previous Effect:** Shows the previous effect results so you can compare just your current effect.
- **Mask-Red:** Shows the mask of the current effect layer in a red overlay.
- **Mask-White:** Shows the mask of the current effect layer in white.
- **Mask-Dark:** Shows the mask of the current effect layer in as a dark overlay.
- **Mask-Grayscale:** Shows the mask of the current effect layer in black and white.



Mask View allows you to view the mask for each effect layer that you have created with the Masking Brush and Masking Bug. You can view the mask in several modes, which are accessible from the Masking menu or from the Mask View drop-down in the bottom left of each preview pane. Below are examples of the different mask view modes. You can toggle the mask view on and off with the control (Mac OSX) or control (Windows) + M keyboard shortcut.

Mask-Red

The masked area appears as 50% red. This is similar to the Quick Mask view in Photoshop.



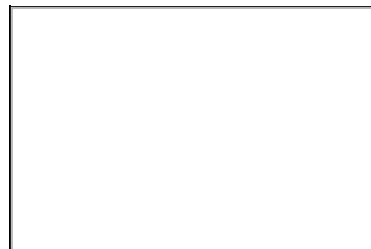
Mask-White

The masked area appears as solid white.



Mask-Dark

The masked area appears as 90% black.



Mask-Grayscale

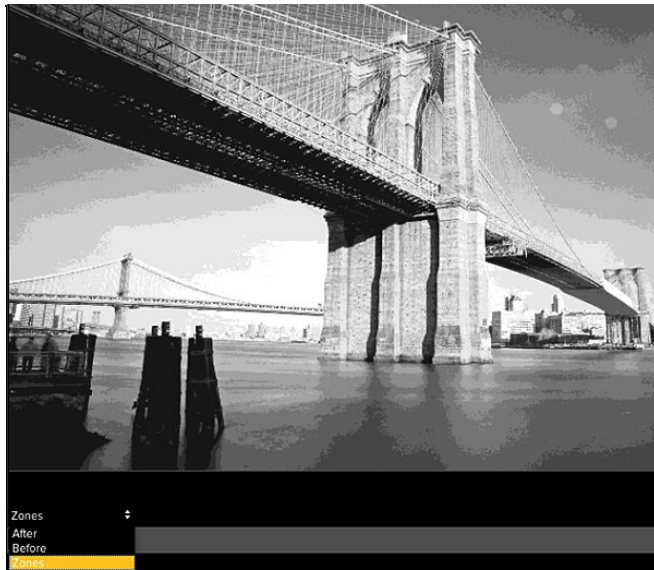
The masked area appears as black. The unmasked areas appear as white. This is the same as viewing a layer mask in Photoshop.



Zones View

This view simulates the 11 zones of the Zone System. It updates in realtime as the user makes changes.

The Zones view is accessed from the the Mask View mode drop-down menu.



A close-up of the Mask View Mode drop-down menu and options.

- After: this shows the image results for the current layer (default option).
- Before: this shows the image in its original state.
- Zones: this shows the image broken down into a simulated zone system.



Presets

Presets store all of the settings you can adjust in the the control panels on the right. Presets are a fast and easy way to get consistent results. You can save your own presets for batch processing or for simply reproducing your look when retouching.

Using a Preset

Using a preset is simple, just click on it in the [Preset Browser](#).

Saving a Preset

Saving a preset is simple. Once you have your settings that you wish to save, go to the Preset menu and select Save Preset.

The New Preset dialog will appear (shown to the right). There are several fields to complete including the preset name, the category, creator and description.

In the category pull-down you can select which existing category the preset should saved into. You can also create a new category this way by selecting new category from the bottom of the list.



You can edit a preset's name, creator or description by selecting it and then selecting Edit Preset Info from the Preset menu. If you want to edit the settings in a preset, load it into, make your adjustments and then re-save the preset with the same name and location.

Deleting a Preset

You can remove a preset from Perfect B&W if you no longer want to have access to it. To remove a preset, follow these steps:

1. Open Perfect B&W
2. Select the preset you wish to remove in the preset browser.
3. Select Delete Preset from the Preset menu.

Importing & Sharing Presets

You can import presets you have downloaded from the onOne website using these steps.

- 1. Download the preset pack from the onOne website. It should have a .ONPreset extension.
- 2. Double-click on the preset pack, it will install the presets into a category named the same as the preset pack.

That's it, next time you use Perfect B&W the new presets will be located in the My Presets tab, in a category named after the preset pack. You can delete the files you downloaded as they have been copied into Perfect B&W.

You can share presets like you would share any other file, such as email or posting them to a website. First you need to find the preset files. The easiest way it to open Perfect B&W, then from the Preset menu select Show Presets Folder. A Finder (Mac) or Explorer (Win) window will open and will display the presets folder. In the presets folder are sub-folders for your preset categories. Inside each sub-folder are the individual preset files, with a .ONB&W extension. You can copy these presets to another computer, attach them to an email or post them on a website.

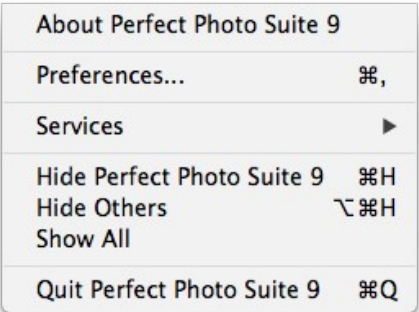
Menus

Perfect BW

About: Opens the about box. This dialog contains your serial number, version number and information on contacting onOne Software for support.

Preferences: Opens the preferences dialog.

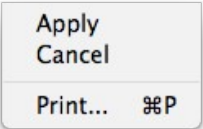
Quit: Quits the application.



File

Apply: Applies the current settings to your image and returns to the host application.

Cancel: Cancels Perfect B&W and returns back to the host application with no changes.



Edit

Undo: Reverses the last user action.

Redo: Reapplies the last user action if it has been undone.

Undo Stroke: If you have segmented undo enabled, if the last action was a brush stroke this reverses the entire brush stroke.

Redo Stroke: If you have segmented undo enabled, if your last action was an undo of a Brush Stroke this reapplies the entire stroke.

Cut: Unused.

Copy: Unused.

Paste: Unused.

Reset All: Resets all controls back to their default settings.

Preferences (Windows Only): Opens the Perfect B&W preferences dialog.



Preset

Save Preset: Saves the current settings as a new preset.

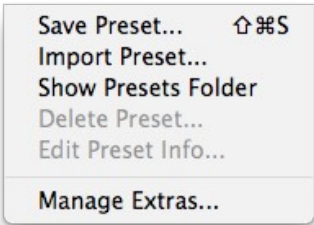
Import Preset: Opens the import preset dialog to help you import presets you have downloaded.

Show Presets Folder: Opens a Finder or Explorer window showing the presets folder.

Delete Preset: Deletes the current preset.

Edit Preset Info: Opens the preset dialog so you can edit the name, author or description information.

Manage Extras: Opens the Extras Manager where you can import and manage extras like Borders, Backgrounds, Textures and Presets.



View

Zoom In: Zooms the preview window in one increment. This will make the preview image larger.

Zoom Out: Zooms the preview window out one increment. This will make the preview images smaller.

Fit to Screen: This sets the preview image so that the entire image is on screen at once. Think of this as an overview of the entire image. This is the setting you will use most of the time.

Fill: If the target layer is smaller than the canvas size, it sets the zoom to fill the preview with the target layer.

Actual Pixels: This sets the preview image so that it zooms to actual pixels or 1:1 also called 100%. This setting allows you to see every pixel in the image. This is useful when making precision adjustments.

Show Browser Pop-up: Enables the browser pop-up window.

Browser Mode: Allows the user to select how the Browser Library displays the categories.

Show Clipping: Shows the clipping overlay view, which over-rides the current mask view.

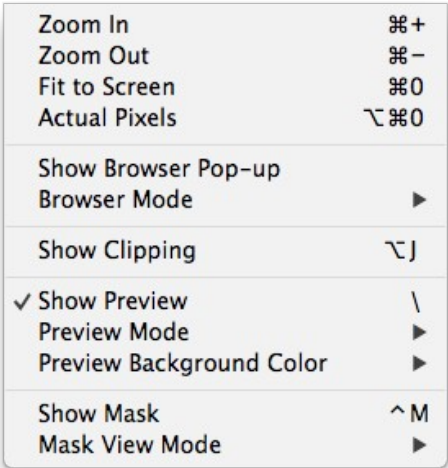
Show Preview: Toggle to enable or disable the preview.

Preview Mode: Allows the user to switch preview modes.

Preview Background Color: Toggles the background color options.

Show Mask: Allows the viewer to see the mask.

Mask View Mode: Allows the user to select the various mask modes.



Window

Navigator/Loupe/Histogram: Hides or shows the Navigator, Loupe/Histogram pane.

Tone: Hides or shows the Tone pane.

Color Response: Hides or shows the Color Response pane.

Tone Curve: Hides or shows the Tone Curve pane.

Glow: Hides or shows the Glow pane.

Grain: Hides or shows the Grain pane.

Toner: Hides or shows the Toner pane.

Vignette: Hides or shows the Vignette pane.

Border: Hides or shows the Border pane.

Sharpening: Hides or shows the Sharpening pane.

Blending: Hides or shows the Blending pane.

Solo Mode: Enables solo mode. When Solo Mode is enabled, only one control pane may be open at a time.

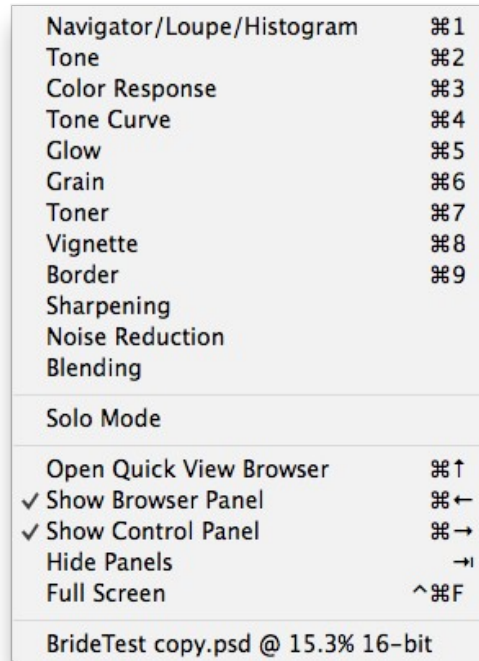
Show Browser Panel: Hides or shows the Browser Panel.

Show Control Panel: Hides or shows the Control Panel.

Hide Panels: Hides or shows all Panels.

Full Screen: Toggles to and from full screen mode.

Document Name: Shows the name, zoom level and bit depth of the open image.



Help

Search: Searches the menu options (Mac OSX only).

Perfect B&W Online Help: Opens this html Help in your default web browser.

Video Tutorials: Opens the online Video Tutorial in your default web browser.

Getting Started: Opens the online Getting Started overlay.

Show Keyboard Shortcuts: Opens the keyboard shortcut inspector.

Perfect Inspiration: Takes you to the Perfect Inspiration web site.

Check for Updates: Checks with the onOne update server to see if you are running the current version. If there is a newer version you will be notified and be walked through the update process.

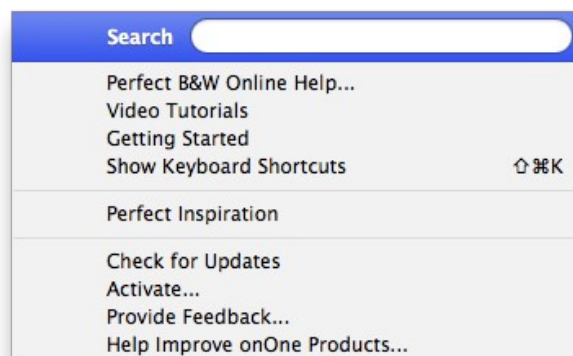
Deactivate: Opens the activation dialog. These are used to deactivate your software for moving to another computer or for a return.

Registration: Opens the default web browser and navigates to the registration page of the onOne website.

Provide Feedback: Opens the default web browser and navigates to the feedback page of the onOne website.

About Perfect B&W (Windows Only): Opens the about box with the version number and license code displayed.

Help Improve onOne Products: Opens the Improve onOne Products dialog.



Keyboard Shortcuts

Action	Mac	Win
Print	cmd p	ctl p
Undo	cmd z	ctl z
Redo	cmd shift z	ctl shift z
Cut	cmd x	ctl x
Copy	cmd c	ctl c
Paste	cmd v	ctl v
Save Preset	cmd shift s	ctl shift s
Zoom In	cmd +	ctl +
Zoom Out	cmd -	ctl -
Fit to Screen	cmd 0	ctl 0
Actual Pixels	cmd opt 0	ctl alt 0
Next Browser View Mode	cmd b	ctl b
Navigate Browser Selection	Arrow Keys	Arrow Keys
Open Selected Category	Right Arrow	Right Arrow
Close Selected Category	Left Arrow	Left Arrow
Show Clipping	opt j	alt j
Show Preview	\	\
Preview Modes		
Toggle Perfect Brush	cmd r	ctl r
Show Mask	o	o
Navigator/Loupe/Histogram	cmd 1	ctl 1
Tone Pane	cmd 2	ctl 2
Color Response Pane	cmd 3	ctl 3
Tone Curve Pane	cmd 4	ctl 4
Glow Pane	cmd 5	ctl 5
Grain Pane	cmd 6	ctl 6
Toner Pane	cmd 7	ctl 7
Vignette Pane	cmd 8	ctl 8
Border Pane	cmd 9	ctl 9
Open Quick View Browser	cmd up arrow	ctl up arrow
Show Browser Panel	cmd left arrow	ctl left arrow
Show Control Panel	cmd right arrow	ctl right arrow
Hide Panels	tab	tab
Full Screen Mode	cmd ctl f	f11
Keyboard Shortcuts	cmd skift k	ctl shift k
Brightness Tool	o	o
Contrast Tool	t	t
Detail Tool	d	d
Targeted Brightness Tool	i	i
Select Masking Brush	m	m
Select Hand Tool	h	h
Select Zoom Tool	z	z
Brush Size	larger] smaller [larger] smaller [
Brush Feather	softer shift] harder shift [softer shift] harder shift [
Brush Opacity	opt 1 (10%) opt 2 (20%) opt 0 (100%) etc	opt 1 (10%) opt 2 (20%) opt 0 (100%) etc
Toggle Tool Mode	x	x
Temporarily Select Hand Tool	hold space	hold space
Temporarily toggle tool mode	hold opt	hold alt

Index

A

Activation 4
Additional Help 3
Address 2
Aperture 10

B

Batch 10,8
Blending 26
Border 26
Bridge 11
Brightness Brush 19
Brightness tool 31
Browser 18,23
Brushes 29

C

Color Response 26
Contacting 2
Contacting onOne Software 2
contrast 29
Contrast Brush 19
Control Panes 26
Crop Tool 18

D

Deactive 4
deleting a preset 33
Detail Brush 19
Directory 23
Display 3

E

Edit 34
Edit with Plug-in 10
eReader 2
Export 10,8
External Editor 10,8,11

F

FAQ 3
feathering 29
File 34
File Browser 23
File Formats 5
File Menu 23
Film Grain 26
Folder 23
Frequently Asked Questions 3

G

Getting Started 18
Glow 26

H

Hand Tool 18,19
Help 34,3,2
Histogram 18,21

I

importing a preset 33
Installation 3
Introduction 2
iPhoto 11

K

Keyboard Shortcuts 36
Knowledge Base 3

L

Layers Pane 18
Left-Right Screen 22
Left-Right Split Screen 22
Legal 2
Licensing 4
Lightroom 8
Loupe 18,21

M

Mac OSX 3
Mask Modes 31
Masking Brush 18
Masking Bug 18
Masks 18
Menus 34
Module Selector 6

N

Navigating the Preview Window 18
Navigator 18,21

O

onOne Panel 7
onOne Software 2
onOne University 3
OpenGL 3
Opening 5

P

Pan Tool 19

- PDF
- Perfect Layers 6
- Perfect Photo Suite 34
- Phone 2
- Photoshop 7
- Photoshop Elements 7
- Plug-In Extras 8
- PNG 5
- Preset 34
- presets 33
- Preview Window 18
- Preview Window Modes 32 ,31 ,22
- Printing 2
- PSB 5
- PSD 5

R

- RAW 5
- Registration 4
- Retouch Brush 18

S

- Save As 5
- Saving 5
- saving a preset 33
- Searching 23
- selective color 29
- Selective Color Brush 19
- sharing presets 33
- Sharpening 26
- Single Mode Screen 22
- Standalone 7
- Support 2
- Support File Types 5
- System Requirements 3

T

- Tablet 2
- Targeted Brightness 19
- TIF 5
- Tone 26
- Tone Curve 26
- Toner 26
- Tool Well 18 ,19
- Top-Bottom Screen 22
- Top-Bottom Split Screen 22
- Transform Tool 18
- Trim Tool 18

U

- Uninstalling 3
- User Guide 18 ,1
- User Interface 18
- using brushes 29
- Using Modules 6

- Using Perfect Black and White
- Using the Help System 2
- Using with Photoshop 7

V

- Video Tutorials 3
- View 34
- Vignette 26

W

- Webinar 3
- Welcome to Perfect B&W 18
- Window 34
- Windows 3

Z

- Zone Modes 32
- Zones 32
- Zoom Tool 18 ,19