



# Adobe Photoshop CC 2015

## Part 2: Editing and Manipulating Photographs

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# Introduction

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**Adobe Photoshop CC 2015** is a photo editing program that pushes the boundaries of digital imaging and editing. While widely used by professional photographers as well as web and graphic designers, Photoshop can also provide a creative outlet for amateurs, enthusiasts, and artists alike. Part one of this three part series covers the basics of image editing such as resizing, cropping, rotating, and automatic adjustments. It also gives step-by-step instructions on repairing red eye, dust, and skin imperfections. Part two covers in detail how to color correct and adjust the tonal range of an image; airbrush, sharpen, and retouch photographs; and convert images to black and white. Uploading high-resolution image files using the Zoomify feature is also covered.

## Downloading the Data Files

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This handout includes sample data files that can be used to follow along the steps. If you plan to use the data files, download the following ZIP file to your computer and extract the files. It is recommended to save the data files on your desktop for easy access.

- [Adobe Photoshop CC 2015 Part 2 Data Files](#)

## Correcting and Enhancing Digital Images

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Photoshop offers a comprehensive set of tools for color correcting, adjusting tonal range, and sharpening the overall focus of an image. Before editing, it is highly recommended to duplicate the original image and work from a copy. Also, before removing color casts and/or adjusting the overall contrast and tonal range of an image, complete the following steps: check the image resolution and document size; resize if necessary; rotate; crop; and repair flaws such as dust and stains.

## Adjusting Color, Contrast, and Tonal Range Using Preset Adjustments

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The **Adjustments** panel offers an extensive list of presets (Levels Presets, Curves Presets, Exposure Presets, Hue/Saturation Presets, Black & White Presets, Channel Mixer Presets, and Selective Color Presets). Sometimes an image only needs one adjustment; other times it may need several. There are two ways to apply an adjustment. It can either be applied directly to the image or as a separate layer. Furthermore, an adjustment layer can affect all visible layers or just the currently selected layer. It all depends on how the adjustment layer is created and set up.

### To use preset adjustments:

1. Open the **adjustments\_presets.jpg** file.
2. If the **Adjustments** panel is not displayed, click the **Window** menu and select **Adjustments**.
3. If necessary, double-click the **Adjustments** tab to maximize the **Adjustments** panel.
4. In the **Adjustments** panel, click the **Curves** icon  (see Figure 1). The **Curves Properties** panel displays, and a new **Curves 1** adjustment layer is added in the **Layers** panel.
5. Select **Cross Process (RGB)** from the **Preset** drop-down list to see the effect on the image.
6. Select **Color Negative (RGB)** from the **Preset** drop-down list to see the effect on the image.

**NOTE:** To remove either one of these adjustments, right-click the adjustment layer in the **Layers** panel and select **Delete Layer**.

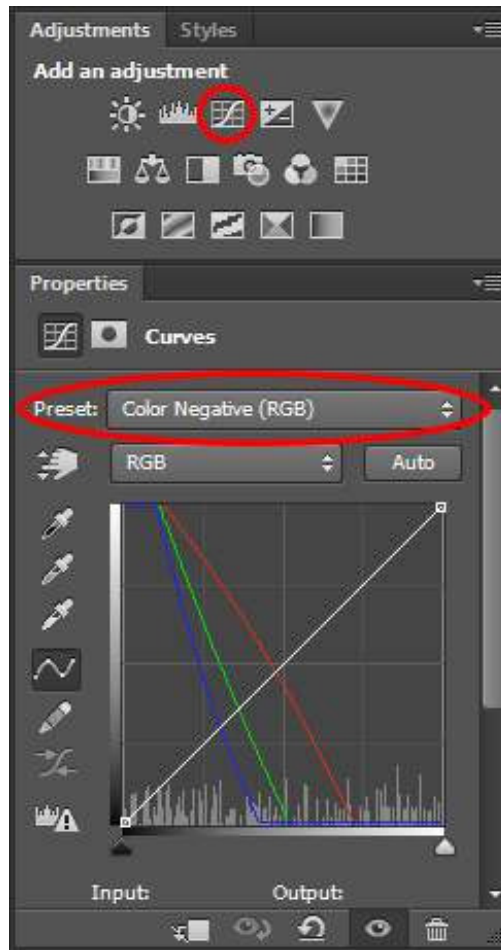


Figure 1 – Curves Presets in the Adjustments Panel

## Dealing with Common Issues in Digital Photography

Photoshop's assortment of tools provides a way to salvage photos that would otherwise be cast into the abyss.

### Removing Color Casts

Most cameras are set to **Auto White Balance** by default. However, white balance can be set in the camera to reflect the environment in which the photograph is being taken (e.g., daylight, tungsten, fluorescent, flash, cloudy, and shade). An image's white balance has two components. The first component is temperature and the second is tint. The temperature measures the coolness (blue-green tones) or the warmth (yellow-red tones) of an image. The tint compensates for magenta or green color casts in the image.

#### To remove color casts in JPEG and TIFF image files:

1. Click the **File** menu and select **Open As**.
2. In the **Open** dialog box, locate and select the **removing\_colorcast.tif** file.
3. Click the **Open As** arrow and select **Camera Raw** from the list.
4. Click the **Open** button. The **Camera Raw 9.1** dialog box opens.
5. In the **Basic** panel, click the **White Balance** arrow and select **Auto** from the list (see Figure 2).
6. Click the **Auto** link located above the **Exposure** slider.

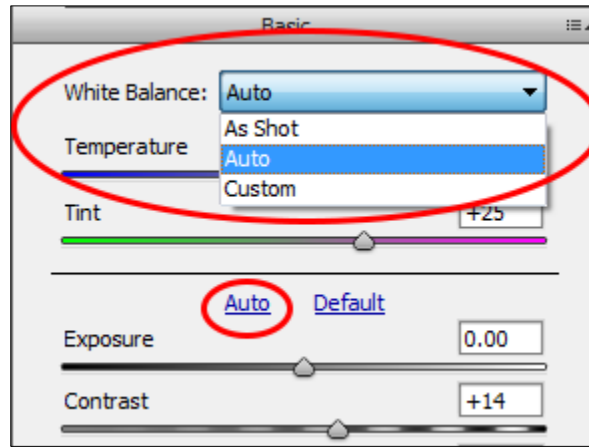


Figure 2 – Basic Panel of Camera Raw 9.1

7. Select the **Red Eye Removal Tool**  on the **Camera Raw** toolbar (see Figure 3).

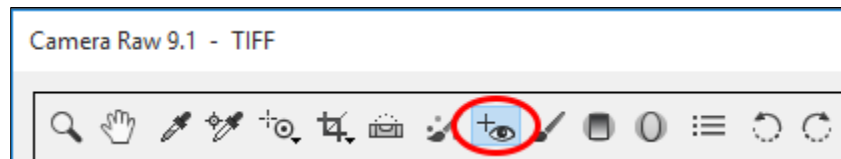


Figure 3 – Red Eye Removal Tool on the Camera Raw Toolbar

8. Drag a selection around each red eye.
9. In the **Red Eye Removal** panel, deselect the **Show Overlay** check box.
10. Drag the **Darken** slider to the right until the subject's red eyes disappear (see Figure 4).

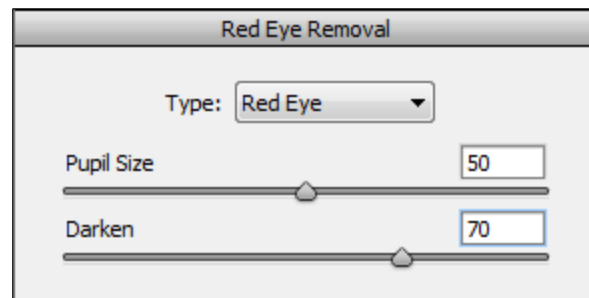


Figure 4 – Red Eye Removal Panel

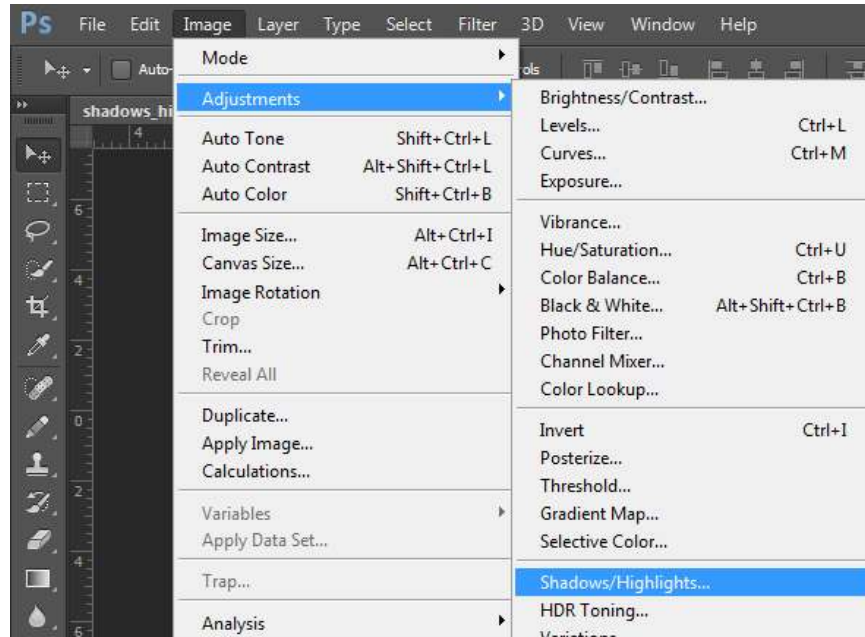
11. Do one of the following:
  - To open the image in Photoshop, click the **Open Image** button.
  - To save the changes and close the image, click the **Done** button.

## Bringing the Subject Out of the Shadows

All too often, snapshots end up with the subjects being in the shadows. Photoshop has made it possible to recover these otherwise ruined photographs.

### To use the Shadows/Highlights adjustment:

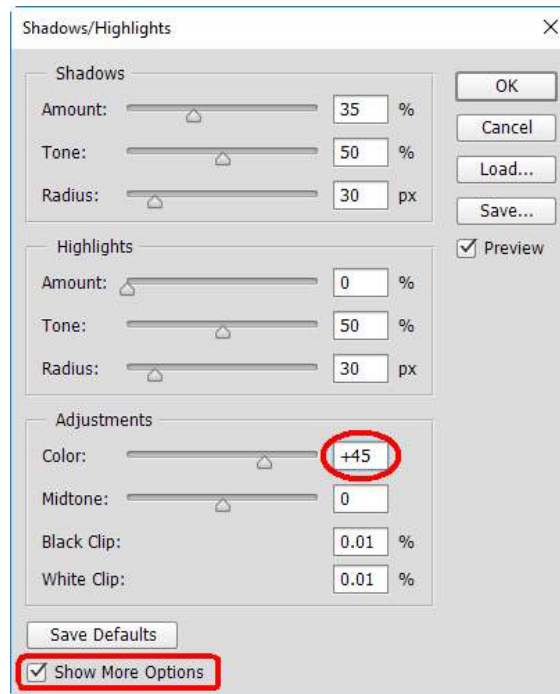
1. Open the **shadows\_highlights.jpg** file.
2. Click the **Image** menu, point to **Adjustments**, and select **Shadows/Highlights** (see Figure 5).



**Figure 5 – Image Menu When Selecting Shadows/Highlights**

3. The **Shadows/Highlights** dialog box opens. If you are satisfied with the default correction, click the **OK** button. Or, if you want to make further adjustments, select the **Show More Options** check box to expand the dialog box (see Figure 6).
4. In the **Adjustments** section, drag the **Color** slider to **+45**.

**NOTE:** Deselect and select the **Preview** check box to see the image before and after the adjustment is applied.



**Figure 6 – Shadow/Highlights Dialog Box**

5. Click the **OK** button to apply the changes.

**NOTE:** To add more contrast and color saturation, add a **Levels** adjustment layer.

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