

## Adjust or Correct the Tonal Range, Color, or Distortions of an Image (Domain Objective 4.4)

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You can adjust the tonal range of an image, such as auto contrast, auto levels, and auto color, using commands on the Image menu. Auto Tone brightens the image by adding a bit more contrast. The Auto Contrast command is an auto version of the Brightness/Contrast adjustment used to increase the contrast in the image by adjusting the pixels in the image to be lighter and darker. The Auto Color command works only on images that are in RGB mode. It is used to remove a noticeable colorcast from your image.

You can apply additional color and tonal adjustments in three ways: click Image on the Application bar, and then point to Adjustments to access a command; click an icon in the Adjustments panel; or click the Create new fill or adjustment layer button on the Layers panel to access a command. Adjustments applied from the Image menu are destructive; adjustments applied from the Adjustments panel or by creating an adjustment layer in the Layers panel are nondestructive.

### Step-by-Step 4.4

1. Start Photoshop CS5.
2. Click **File** on the Application bar, click **Open**, select the location of your data files, click **steps** and then click **Open**.
3. Click **File** on the application bar, click **Save As**, and then name the file **Steps Color Correction**. Save this in your Domain 4 folder.
4. Click **Image** on the Application bar, and then click **Auto Tone**, to adjust the brightness of the image automatically by slightly darkening the image.
5. In the Adjustments panel, click the **Color Balance** button in the Tone section, make sure the **Midtones** option button is selected and then drag the **Cyan/Red** slider to **+17**, the **Magenta/Green** slider to **+15**, and the **Yellow/Blue** slider to **-15**. This brightens the image and brings in some yellow tones.
6. At the bottom of the Adjustments panel, click the **Return to adjustment list** button.
7. In the Adjustments panel, click the **Black & White** button, click the **Tint** check box, and then click the **Auto** button. Your image is changed to a colored black-and-white image.
8. Save and close the document.