

## ***B&W with Adobe Photoshop Channel Mixer***

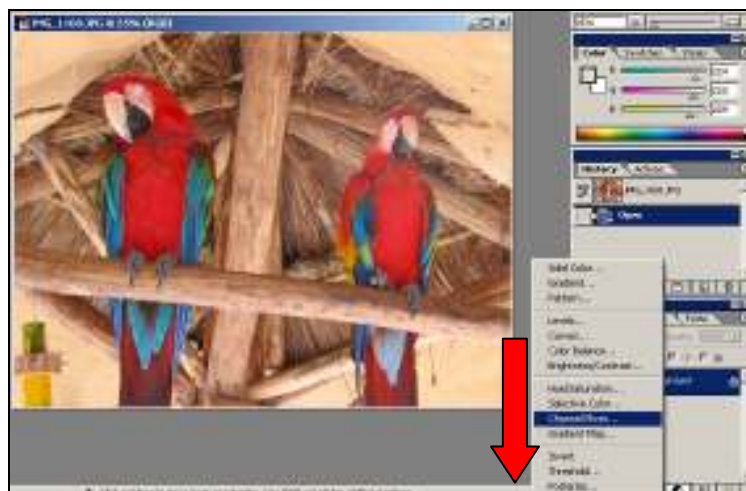
There are many techniques that can be used to convert a color image to grayscale using Adobe Photoshop. The numerous techniques lead to endless discussion on which is best. We do not have that answer, but prefer to show one method here.

Inksupply.com has created this document to outline one technique that will allow for more control over the conversion compared to simply clicking on *Image > Mode > Grayscale* in Photoshop. While there are many other methods to create a grayscale image, experts disagree on which method is best.

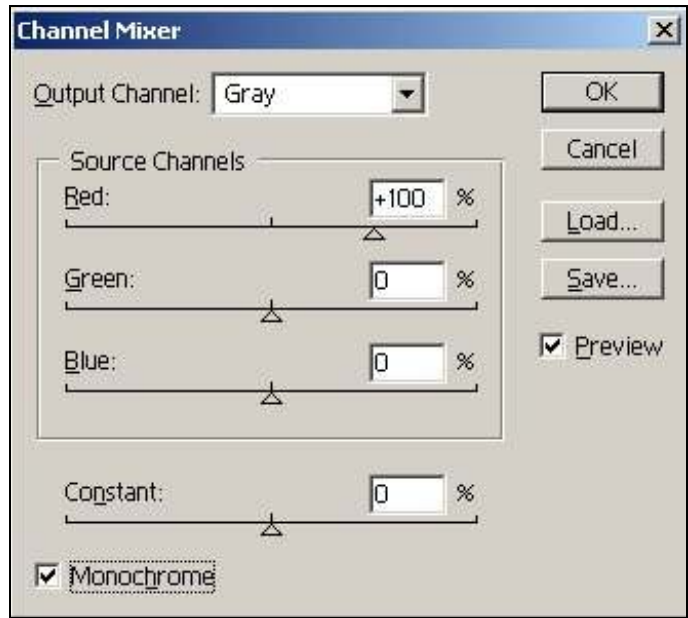
**Step 1:** To start, open a copy of the image to be altered. Please note that the quality of the image will affect the final result, high quality tiff or jpeg images are preferred.



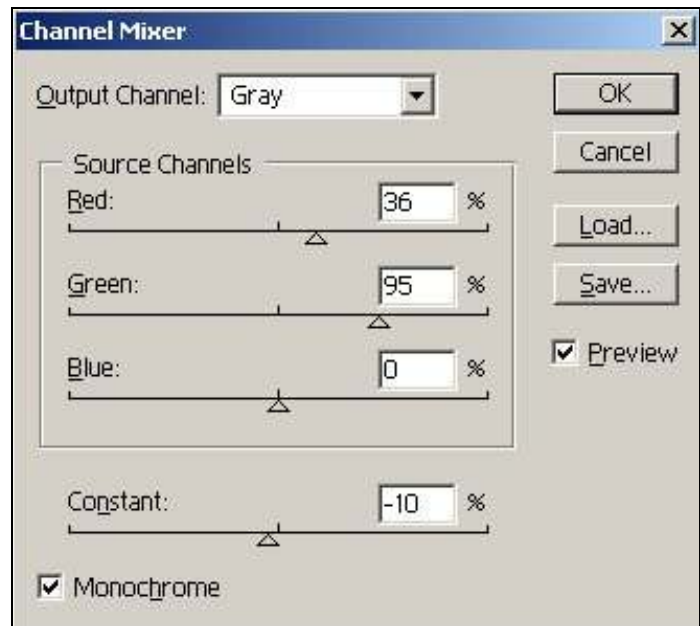
**Step 2:** Select “*Channel Mixer*” from the layer adjustment icon found at the bottom of the layer panel, it is a small circular icon that is half black and half white. The Channel Mixer option is also available in the *Image > Adjustments > Channel Mixer* in your Photoshop menu. This option will create an adjustment layer that will allow the color ratios (Red, Green, Blue) in the image to be adjusted.



**Step 3:** The dialog box that opens should resemble the box below. Check the “Monochrome” box in the lower left corner of the Channel Mixer dialog box to convert each of the color channels to Black and White.



**Step 4:** Finally, adjust the Red, Green, Blue and Constant channels to adjust the final look of the image. Try to keep the sum of the settings equal to 100% unless you wish to darken or lighten the image. Submit your changes by clicking “OK”



When you are finished you will end up with a high contrast black and white image as shown on the last page of this document compared to the grayscale option given by Photoshop.



Channel Mixer Black and White



Photoshop Grayscale