



INTRODUCTION TO GRAPHICS

REPLACING COLOR

Information
Sheet No. PS932

This information sheet will show you how to use the Replace Color Adjustment Layer to change and edit parts of an image.

You will be using the image RCORIGINAL.jpg from the project folder. Later you may experiment with photos of your own.

You'll go from this:

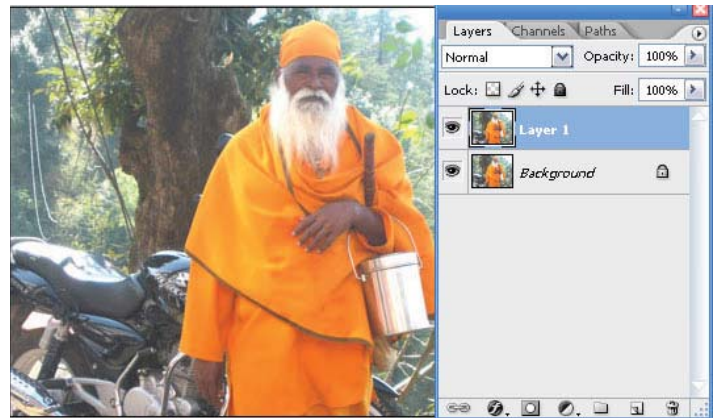


To this:



Step One

Open up the image that you are using for this exercise. You want to duplicate the layer so that you can mask it later on, or if you make a mistake, you do not have to revert the image to the documents original state. To do this press CTRL+J.



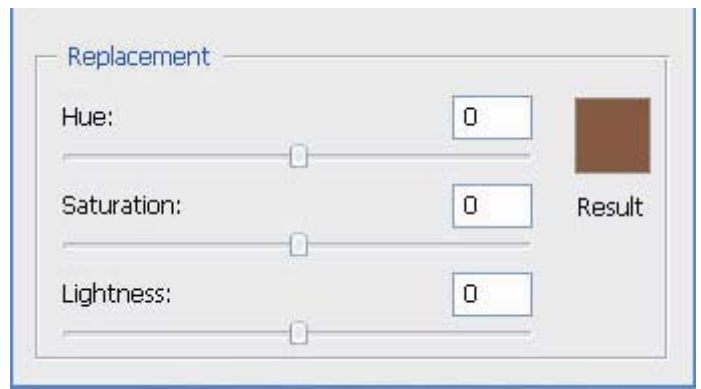
Step Two

Now that you have duplicated the layer, go to the Replace Color dialogue box. To do this go to Image>Adjustments>Replace Color and it will pop up.



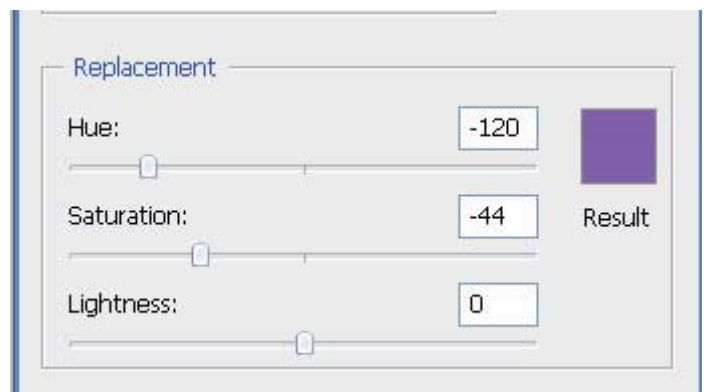
Step Three

You will notice that in the dialogue box there are quite a lot of options going on. For the first part of the tutorial, we just need to take note of the three sliders down at the bottom of the dialogue box. These are Hue, Saturation and Lightness. Notice also that next to the Hue Slider is a box filled with color. That is the color you are going to change the color to in the tutorial.



Step Four

Move the Hue slider down to you find a color that you want to use. In this example, purple is used. The Saturation slider is how bright you want the color to be. In this case, you do not want or need it to be very bright. Therefore, leave this setting. Leave the Lightness slider alone. Here are the settings:



Step Five

Now that we have decided and set the color that you want, it is time to change the color that you are editing. Pay attention to the three Eyedropper tools. They are located at the top of the dialogue box.



Step Six

The eyedropper tools make a selection of the colors that we are going/.wanting to edit. The first one is the plain old eyedropper tool (you do not need this,) the second is add to selection tool (you need this) and the third is the remove from selection tool (you might need this if we make a mistake.)

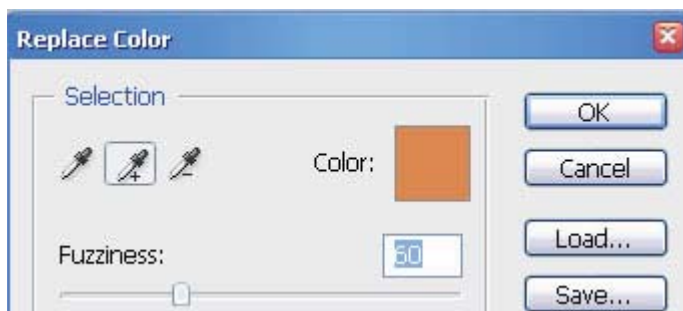
Step Seven

You want to click on the Add to Selection and click on the man's clothing (parts should turn purple now). Now click all over the body until most of the clothing turns to the purple that you selected.



Step Eight

You will notice that you did not get all the clothing there will be small details that were missed (there always is.) To edit this you are going to change the Fuzziness Slider. You will see it below the Eyedropper tools. Move this to about 60.



Step Nine

Now that you have changed the orange to purple you can hit OK and look at the color change. Notice that there has been a color shift in the image. This must be fixed this before you can finish the exercise. If you remember that at the very beginning of the tutorial we duplicated the layer so that you can mask it (or if you made a mistake.), To make a mask, click on the Add Vector Mask down in the Layers Palate shown next.



Step Ten

You should have the Layer Mask active (it is by default). You need to select a brush (press B on the keyboard.) If your colors are not set to default press D on the keyboard. You also need to get background to foreground active (this is how masking works, black lets the background to come through and white is the foreground) to do this hit X on the keyboard. Now if you need to get a bigger or smaller brush to brush with tap [for smaller brush size and] for bigger brush sizes.

Step Eleven

Now we have set up the Layer Mask brush away everywhere that you do not want the purple to show. This is hands, beard and the background, if you make a mistake hit X on the keyboard and that changes the foreground to background to paint with and brush back over. When you have done, you should have something along the lines of the following:



Final Thought

It takes a bit of practice at first to get the hang of the technique shown here but it is worth it. You can play with the Hue, Saturation and lightness sliders for different results. This technique is recommended this way over a plain old Hue and Saturation Adjustment layer because you have more control of the color selection.

BEFORE:



AFTER:

