HOW TO SPLIT-TONE B&W IMAGES.

1. First, we are going to create a Color Balance layer above your B & W conversion layer, or your flattened B & W image. Select the top layer, (which will normally be the B&W conversion layer) so that when you create a layer it appears above the B&W conversion layer, in this case Channel Mixer.

2. Select Layer/New Adjustment Layer/Color Balance and click OK.
3. Set the Tone Balance for the Midtones and the Shadows to the desired effect by adjusting the Color Balance sliders, then click OK. This will be our base layer colour.

4. Create a second Color Balance Layer above the previous one by selecting Layer/New Adjustment Layer/Color Balance and clicking OK. Repeat step 3 until you have achieved a colour that is in contrast with the base layer colour.
5. We should now have 2 Color Balance Layers and in this case, the bottom one (the base Layer) is sepia and the top one is blue. Right click to the right of the top Color Balance layer and Layer properties dialogue box will appear. Select Blending Options.
6. Select the black triangle below **This Layer**: in the **Blend If**: section of the **Layer Style** box and move the triangle towards the midtones until you get the desired effect. At this stage the tones now show through from the base layer but the transition is abrupt.

7. We are now going to feather the transition from Brown to blue. To do this, position the cursor on the right hand side of the triangle.
8. Hold down the **Alt** key on the keyboard and left mouse click the right half of the black triangle, and drag to the right to split it. Move the half triangle to the right until the desired feather is achieved.

9. The overall effect can be further fine tuned if necessary by changing the layer opacity of the top Color Adjustment Layer.
10. Here are the BEFORE and AFTER images.
The colours I have chosen are bold, so that they can be seen in this tutorial, but subtle split-toning can be easily achieved with this method.