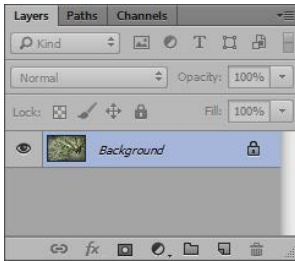
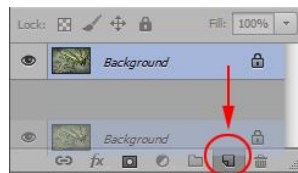


High Pass Filter – Standard

1



2



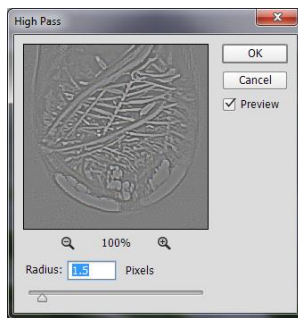
1. Open photograph in Photoshop and have the **'Layers'** palette visible
2. Duplicate the background layer by dragging the layer thumbnail to the new layer icon. If a multilayered image press **CTRL + ALT + SHIFT + E** to make a new combined layer.

3. Change layer **'Blend mode'** to **'Overlay'**, top left corner of the layers palette.

3



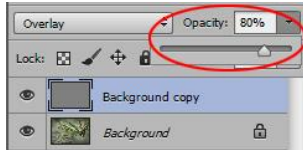
5



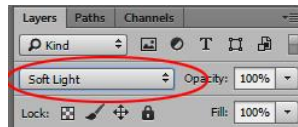
4. From the menu choose **'Filter -> Other -> High Pass'**.
5. Use the slider to choose a pixel **'Radius'** value. As a guide a value between **0.5 to 5 pixels** will work best, depending on the image resolution and the inherent sharpness of the image. You've gone too far if halos effects are appearing around the image edges.

6. Reduce the Sharpening effect by lowering the **'Opacity'** value of the layer, top right corner of the layers palette.

6



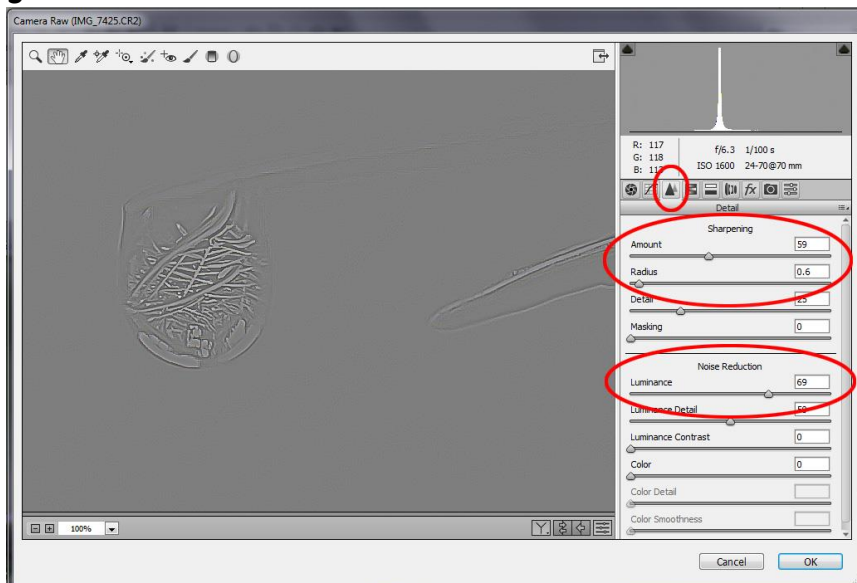
7



7. Decrease or increase the sharpening effect by changing the layer **'Blend Mode'** to **'Soft Light'** or **'Hard Light'** respectively.

High Pass Filter - Sharpen Noisy Images

3



1. Follow step 1 to 5 above.
2. From the menu choose **'Filter -> Camera Raw Filter'**.
3. Under the **'Details'** tab use the **'Luminance'** slider under **'Noise Reduction'** section to remove all noise from the high pass filter image. Also use the **'Amount'** and **'Radius'** under the **'Sharpness'** section to keep the edges of the image sharp.
4. Continue with Steps 6 to 7 from above.