Sharpen Without Removing Noise
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1. In PS, duplicate background

2. Make sure background duplicate layer is selected. All subsequent steps are done on this layer.

3. Filter – Other - High pass – set slider to 3-5 pixels to create tiny halos

4. De-saturate image (CMD/CTRL*-SHIFT-u)

5. Launch Topaz Denoise and make image noiseless

6. OR PS: Filter – Noise - Reduce Noise – Set Strength to 10, Preserve details to 0% - OK

7. Filter – Sharpen - Smart Sharpen, Amount 200-300 for sharpening, Radius 1-4, Set Reduce Noise to 0

8. Change the blend mode for the background duplicate layer to **linear light** (can also try **vivid light** or **overlay** for a more subtle effect)

9. Adjust the opacity slider to reduce the effect if necessary.

*CMD for Mac, CTRL for PC