# Creating a PostProcessing Custom Shader

* https://www.youtube.com/watch?v=mzydOmgN7mc

1. Change Material Domain to PostProcessing

A screenshot of a computer

Description automatically generated

1. Add SceneTexture Node and change Id to PostProcessInput0

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1. Add Desaturation – creates grayscale filter

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1. Change Blendable Location from After Tonemapping to Before Tonemapping

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1. Save and create Material Instance from this
2. Create PostProcess Volume and add Material Instance to its rendering features (can check infinite bound to apply outside of bounding box)

A computer screen shot of a white cube

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I believe this was just an introduction until this point.

1. Create a new SceneTexture and set its Scene Texture Id as BaseColor(stored in GBuffer)

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This will result in ignoring lighting buffer and will have basic colors of materials. Next we copy the desaturation and connect it to new SceneTexture.

1. Divide the upper texture with lower

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1. Add Saturate Node

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1. Add Mask and select only 1 channel(they are all the same)

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Result should be extracted light buffer, and visuals should be grayscale, 0 where there is no light, 1 where light is directly hitting the surface.