**WORKING WITH COLOR MODE CONVERSIONS**

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Procedure

1. Color to Grayscale

* Open the file > cameo.tif in Photoshop
* One of the way to do color to grayscale is by choosing Image > Adjust >Desaturate
* The previous way was a naive option so undo all the previous tasks by selecting Edit > Undo.
* Goto the Image > Mode > Lab Color
* Select the L channel. Choose Image > Mode > Grayscale. Discard other channels.
* Save the file as CAMEO\_GS.tif

1. Grayscale to Color

* Open the file cameo.tif in Photoshop
* Choose Image > Mode > Indexed color. Choose Adaptive palette setting.
* Choose Image > Mode > Color Table. This shows 256 colors derived from
* the image.
* Click the save button to save the color table as CAMEO.ACT
* In Swatches palette choose Load Swatches and select CAMEO.ACT. All colors in the color table are now part of Swatches palette.
* Close file CAMEO.TIF without saving
* Open file CAMEO\_GS.TIF in Photoshop.
* Choose Image > Mode > RGB Color. This allows colors to be added.
* In Layers Palette create a new layer and name it Color Layer 1.
* Change the Blending Mode of the new layer to Color. This preserves L information of the base layer.
* Select Paintbrush tool and 65-pixel soft brush. Selecting colors from the swatches palette paint on the grayscale image to color it.
* Save as image as 025\_TASK13A.psd and 025\_TASK13A.jpg

1. Grayscale to Duotone

* Open file cameo.tif in Photoshop
* Choose Image > Mode > Duotone color. Choose the Duotone type setting.
* Click on the color box for Ink2. Choose Pantone Uncoated Yellow
* For Ink1 (Black) choose color distribution as 50: 30%. For Ink2 choose 50: 70%.
* Save as 025\_TASK13B.psd and 025\_TASK13B.jpg

Output Image



