

WORKING WITH COLOR MODE CONVERSIONS

Name - **Manas Pratim Biswas**

Roll No - **002011001025**

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

2. 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

3. 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

