Creating and Placing the 5th Color **Raster Element – White**, in **Adobe Photoshop** for use on **Dark Colored Media**

This tutorial will explain and demonstrate how to create a **White** Spot Color in a PSD image for placement within Illustrator or InDesign using halftones to be printed on **Dark Colored Media**.

The image will need to be prepared in **Photoshop** to carry the 5th Color information into the layout.

In this example, we are using a black and white photo and printing onto black media using White Toner. Before the file is laid out, the image must be inverted and monotoned.

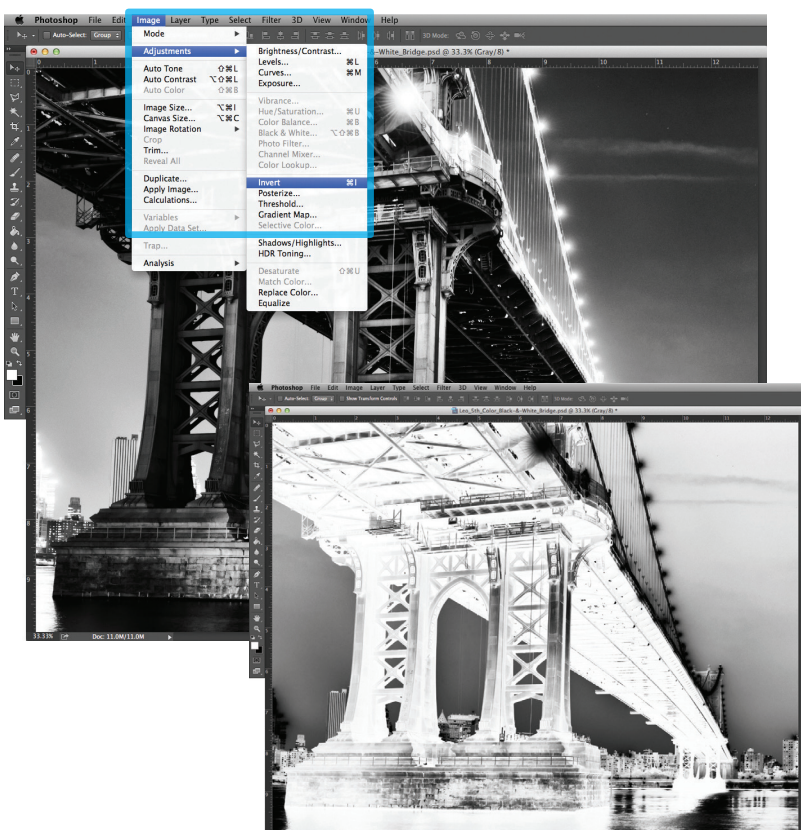White halftones on Dark Colored Media

White (Single Pass)

Dark Colored Media

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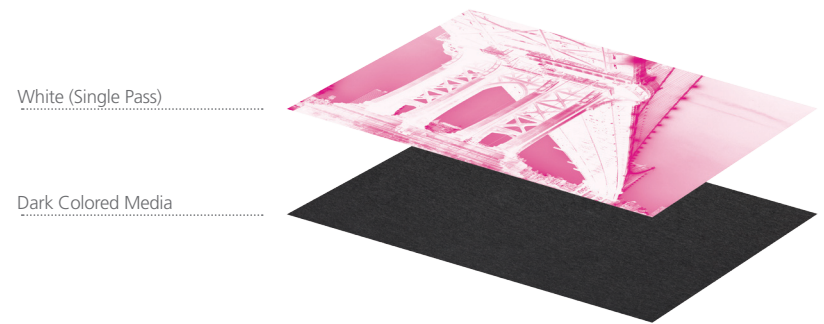
1. Open the image that you would like to print with White Toner on Dark Colored Media in Photoshop.
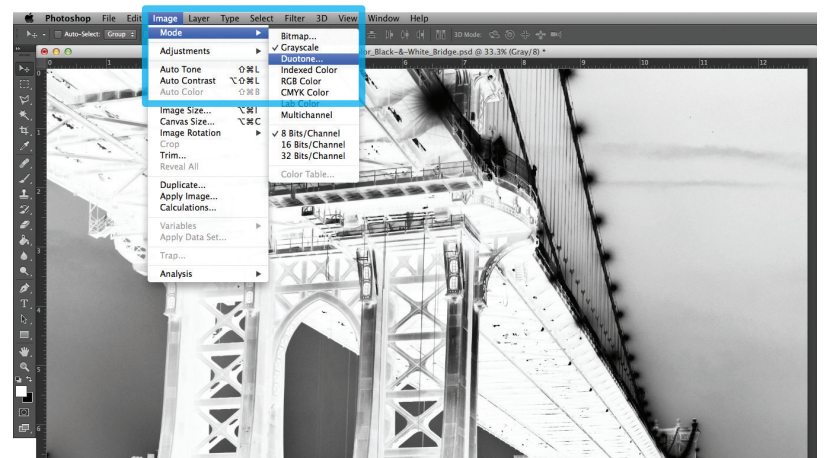
2. Convert to Grayscale (Image > Mode > **Grayscale**). *You may need to increase image contrast to improve toner coverage.*
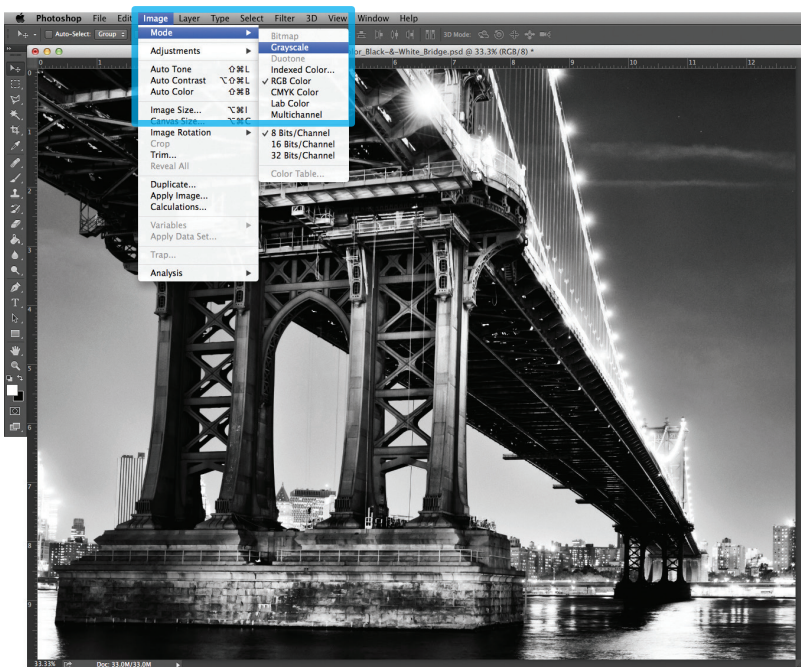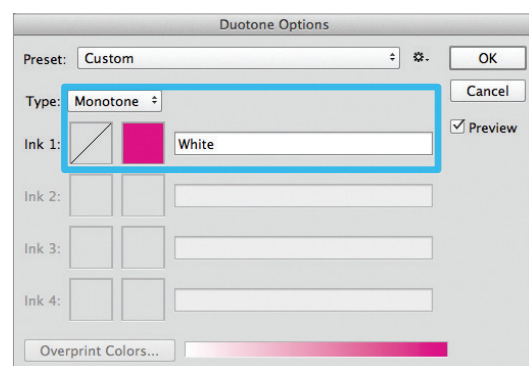
3. Invert the image (Image > Adjustments > **Invert**).

4. Convert to Duotone (Image > Mode > **Duotone**).

5. Select **Monotone**, under "Type." Set Ink 1 to: CMYK: 0 | 100 | 0 | 0 and name it "**White**."

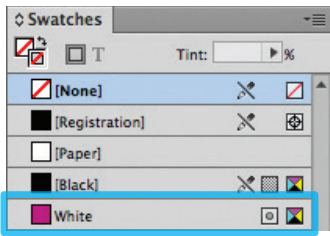**6.** Save your file as a Photoshop **PDF** or **PSD** to retain monotone / 5th Color data.

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Now the prepared 5th Color image can be placed into an Adobe InDesign layout.

7. Open an existing InDesign document or create a new layout.

8. Place the image and notice the addition of the new "White" Spot Color swatch that is brought in via the monotone image.


9. With the image in its final position, ensure all elements are colored appropriately for print on Dark Colored Media.
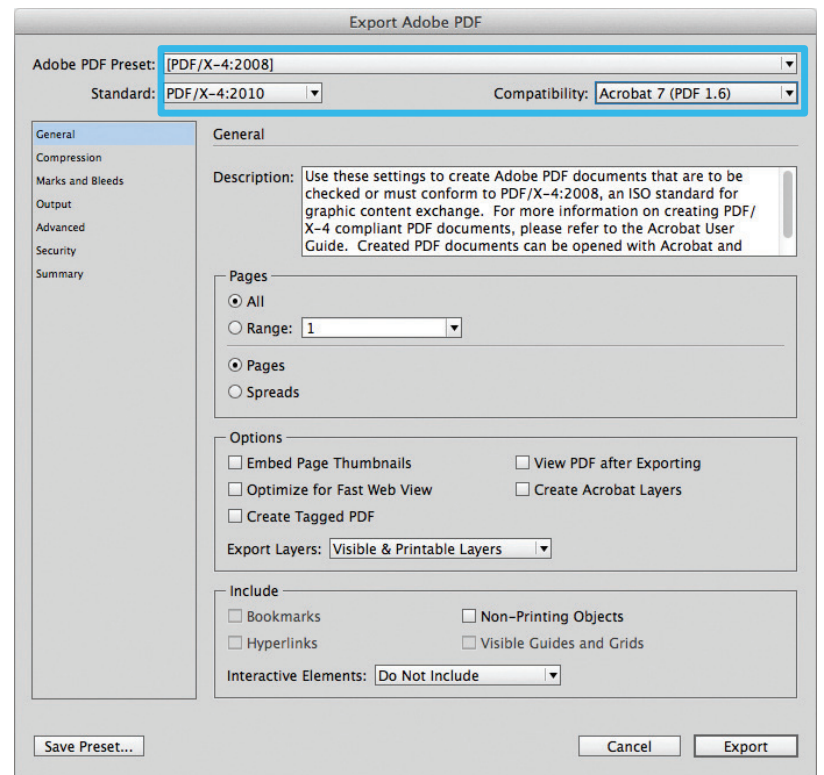

The Magenta Spot Color represents the White Toner when printing.

10. *If* printing OVER artwork, use the blend mode "**Multiply**," which will overprint the image rather than knocking it out from any artwork beneath it.

(The "on-screen" result of this may make the image difficult to see, but it will print as intended.)
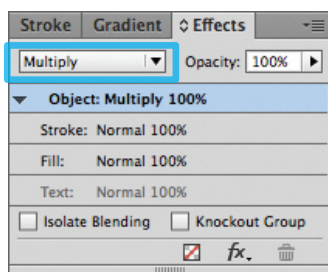
11. Export / Save file as a PDF/X-4, (PDF1.6 or newer).

Refer to "Printing the 5th Color from Fiery® Command WorkStation" for steps on Printing PDFs.