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.

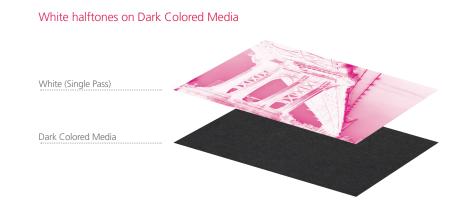
In this example, we are using a black and white photo and printing onto black media using White Toner. Before the file is laid out, the image must be inverted and monotoned.

- **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.

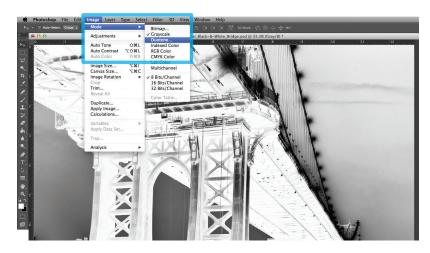


3. Invert the image (Image > Adjustments > Invert).





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."

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



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

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.

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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).

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	Options Embed Page Thumbnails Optimize for Fast Web View Create Acrobat Layers	
	Create Tagged PDF Export Layers: Visible & Printable Layers	
	Include Non-Printing Objects Hyperlinks Visible Guides and Grids Interactive Elements: Do Not Include	
Save Preset	Cancel Export	

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

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