

Produce **intense oranges** and **hot pinks** in the same document by blending **Neon Pink** with CMYK (shown on metallic media)

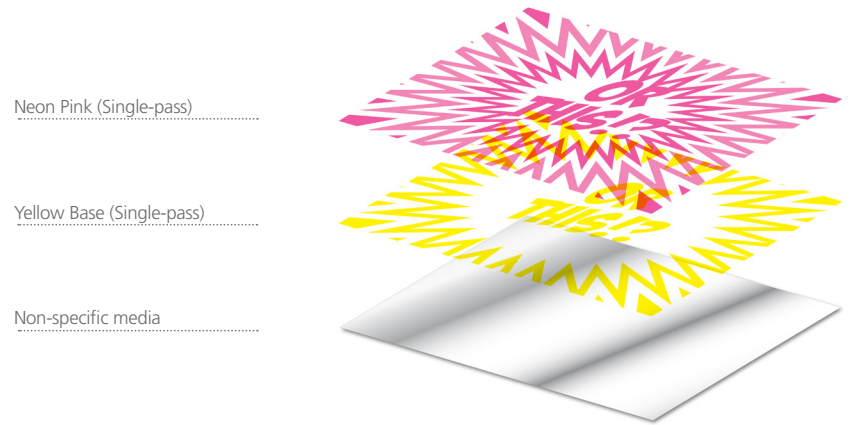


Oranges produced with CMYK on digital presses traditionally print duller or darker than their corresponding offset Pantone® colors. With the addition of 5th Color Neon Pink you can achieve a wider range of colors and get closer to the actual hues shown on Pantone® chips.

This tutorial will explain and demonstrate how to blend CMYK with Neon Pink.

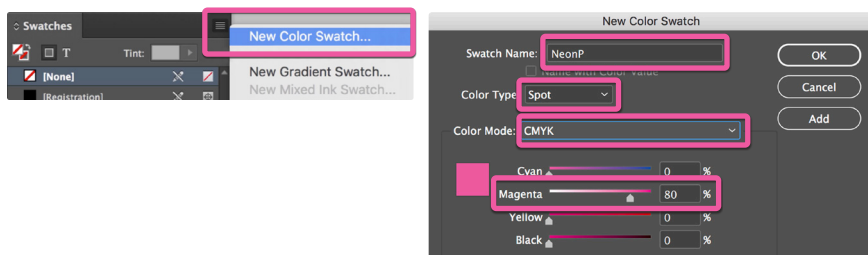
This is a **1-pass** process, where the 5th Color layer is printed in-line with the CMYK.

Single-pass blend of Neon Pink and CMYK

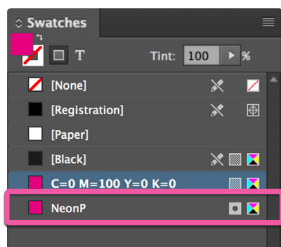


1. Open the layout you are looking to enhance with Neon Pink toner. In this example we are using InDesign. Create a **New Swatch** by clicking the top right corner of the swatch palette and select **New Color Swatch**.

- Name the swatch **NeonP**.
- Select **Spot Color** for Color Type.
- Select **CMYK** for Color Mode.
- It is recommended to choose 80% Magenta, to represent Pink and maintain a consistent look/feel of the overall design.

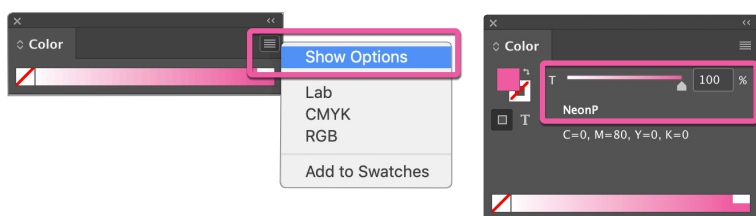


2. The **NeonP** spot color will represent the Neon Pink Toner.



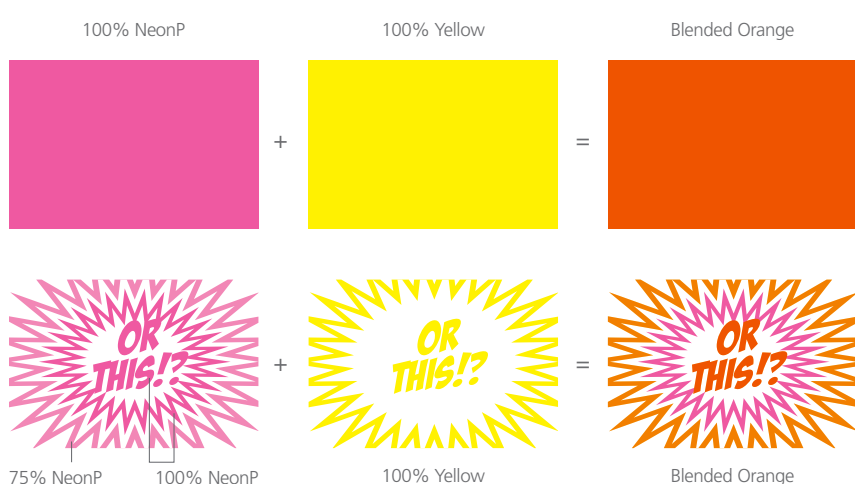
3. The amount of toner density can be adjusted in the color panel on the Density Scale.

- From the Menu bar select **Window** then **Color** to display the Color Panel. If the Density Scale is not displayed, select **Show Options**.
- Drag the Density Scale or enter the percentage in the box to adjust the density.



4. Isolate and or duplicate artwork elements.

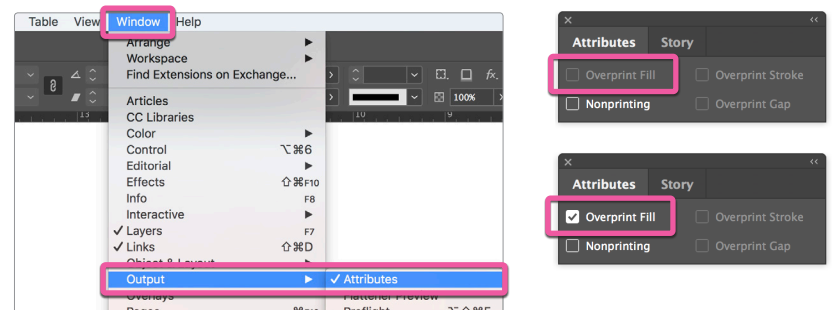
- Create a base layer, which in this example will be 100% Yellow & NeonP.
- Duplicate artwork of your choosing and place directly on top of itself.
- Assign the top-most elements with percentages of NeonP, in this case, 75% and 100%
- Set the blending mode of the Neon Pink layer to **Multiply** to allow the NeonP to print/ mix with the Yellow elements beneath it.



5. **Overprint Fill** can be used in place of **Multiply** for vector or type elements only.

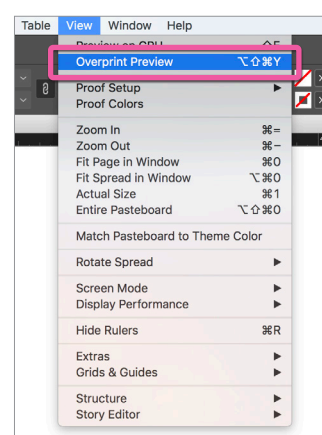
To do that:

- Select **Window**.
- Scroll down to **Output**.
- Select **Attributes**.



- With the **Attributes** panel open and the top-most object selected, check **Overprint Fill**. This will blend the object on top with whatever objects are underneath it. The results will not be immediately visible, as Overprint Fill is an *output effect*.

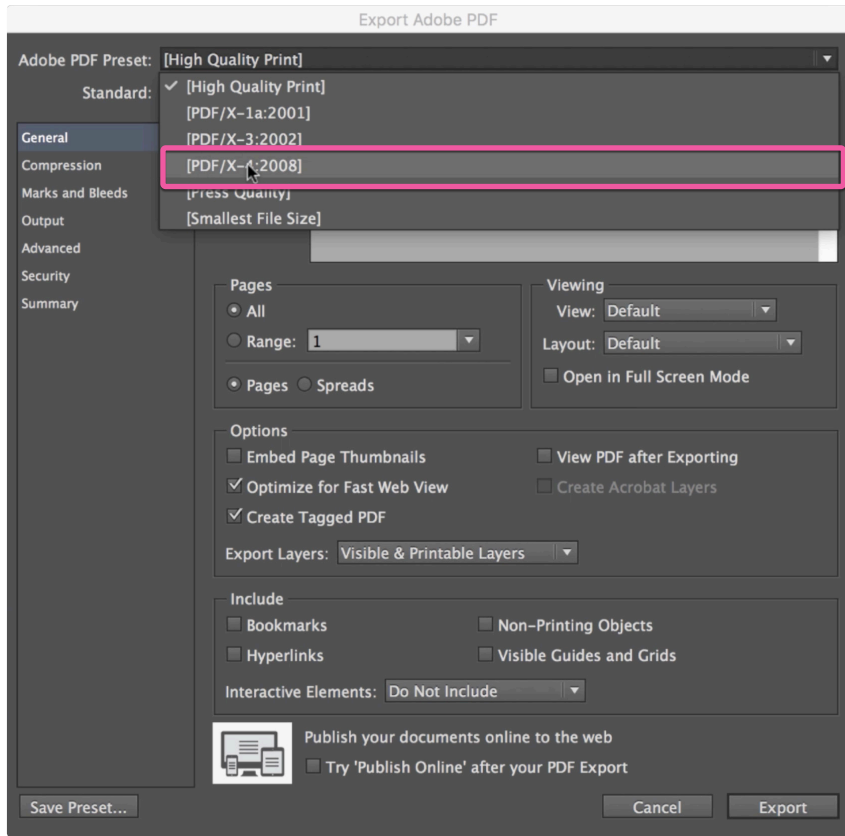
6. To confirm the object has been formatted correctly when applying **Overprint Fill**, use **Overprint Preview** under the **View** menu to simulate the effect, otherwise the artwork may appear unchanged. The artwork will appear red-orange if formatted correctly, as InDesign is simulating the blending of Magenta, our place-holder color for Neon Pink with Yellow.



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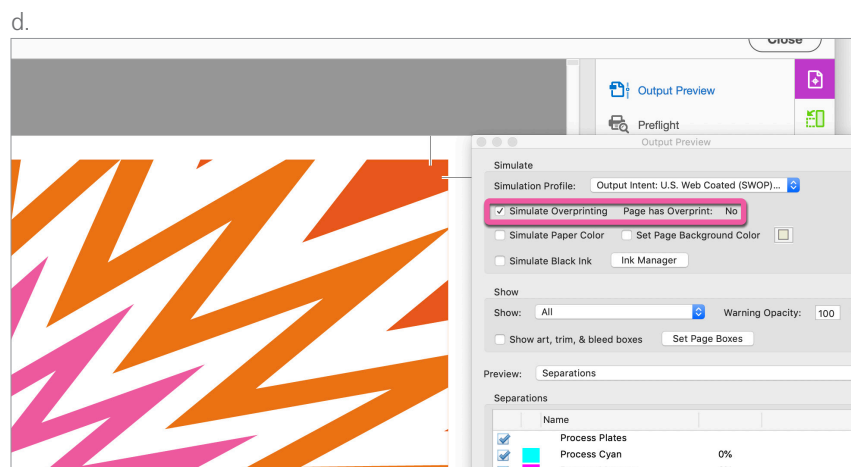
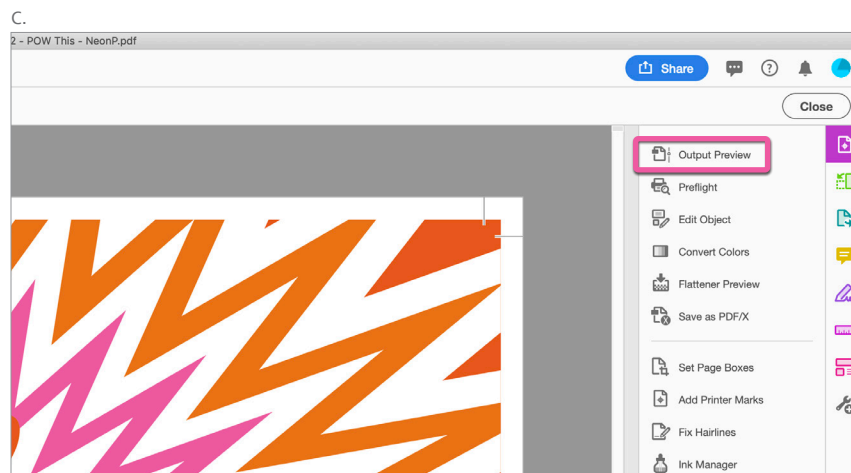
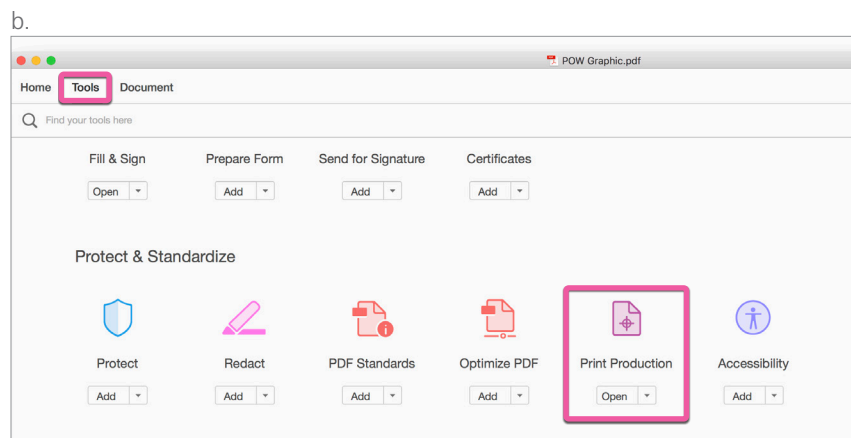
7. With your elements formatted and blending mode set, you are ready to create a PDF.

Export your file as a PDF, **File > Export**, using the PDF Preset **PDF/X-4:2008**. This will allow Fiery® Command WorkStation to recognize where to apply the 5th Color Neon Pink Toner.



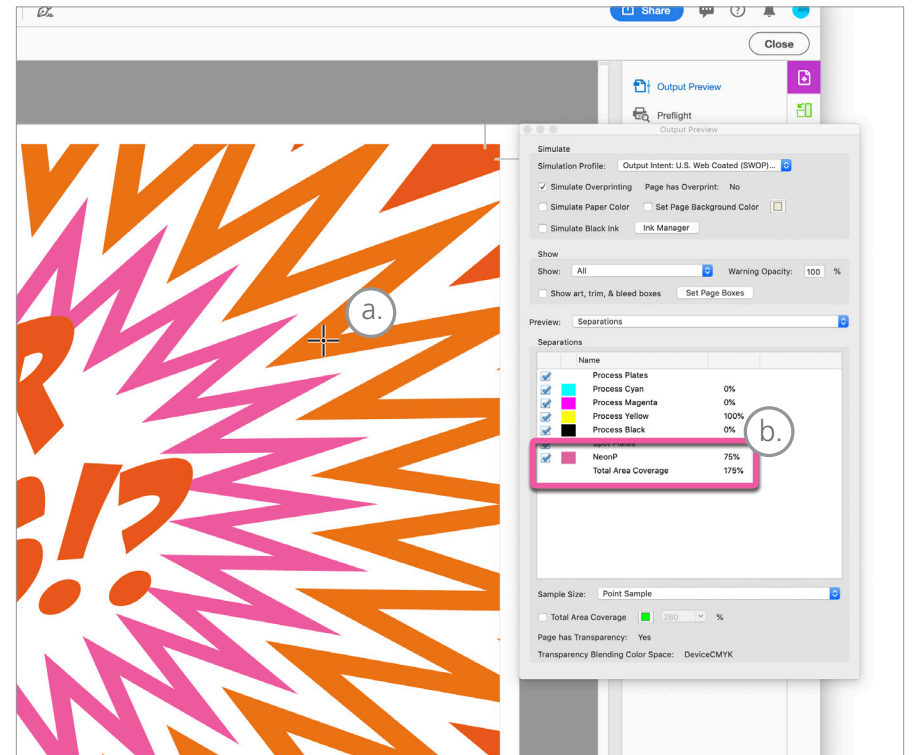
8. With your PDF exported, it's a good idea to open up the file using Adobe Acrobat to confirm not only the presence of the Neon Pink toner, but also that it is blending properly.

- Open the PDF using Acrobat.
- Navigate to the **Tools** menu and select **Print Production**.
- Select **Overprint Preview**.
- Confirm **Simulate Overprinting** is checked.



9. Locate the **Spot Colors** in the **Separations** window.

- Confirm the presence of **NeonP Spot Color** by mousing over the artwork.
- The percentage will be displayed in the **Separations** window.



10. With the presence of the 5th Color confirmed and the blending mode properly formatted, you're ready to print your file.

Check out the *File Preparation Series* on RicohBusinessBooster.com for "Printing the 5th Color from Fiery® Command WorkStation" for steps on Printing PDFs.