

# Apply **Clear** patterns for a high-end effect (shown on black media)

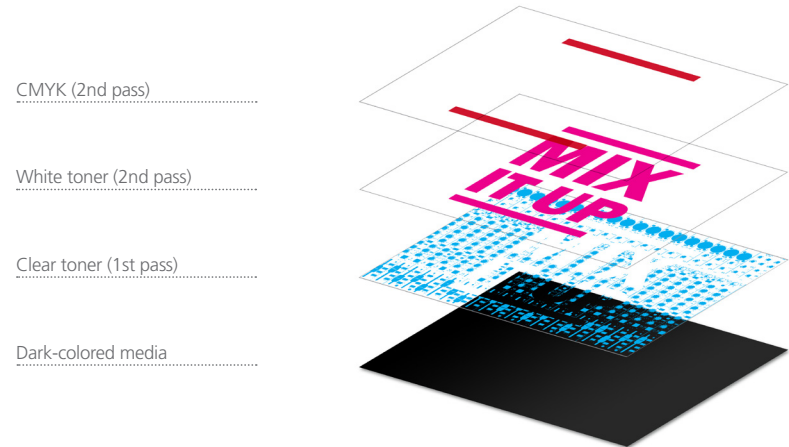


This tutorial will explain and demonstrate how to print both a White and Clear spot color onto black media and provide an area which can be overprinted with CMYK.

In this example, swatches and layers will be created in InDesign and will use vector and raster artwork, which will show through specific areas on the print.

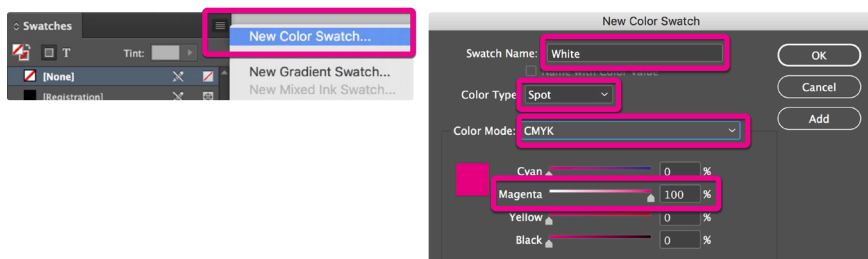
This is a **Two-pass process**, where the Clear 5<sup>th</sup> Color layer is printed ahead of the CMYK and White toner. **Two PDFs** will be created and printed for this piece.

Two-Pass with a Clear toner background, White toner base layer and CMYK overtop

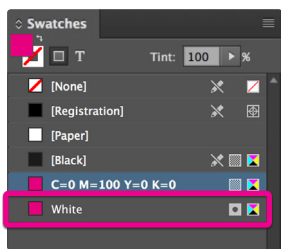


1. Open the layout you are looking to enhance with White toner. In this example we are using InDesign. Create a **New Swatch** by clicking the top right corner of the swatch palette and select **New Color Swatch**.

- Name the swatch **White**.
- Select **Spot Color** for Color Type.
- Select **CMYK** for Color Mode.
- It is recommended to choose 100% Magenta, to represent the White toner.

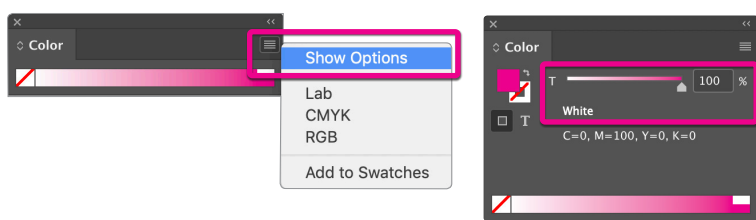


2. The **White** spot color will represent the White toner.

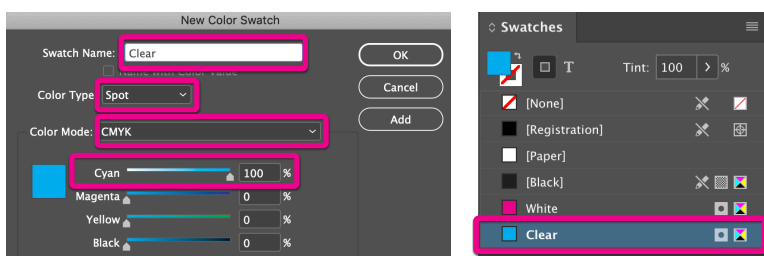


3. The amount of toner density can be adjusted in the color panel on the Density Scale.

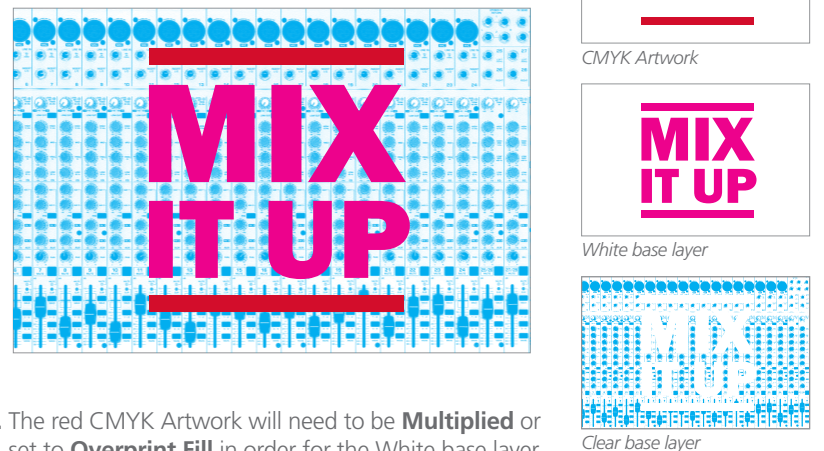
- From the Menu bar select **Window** then **Color** to display the Color Panel. If the Density Scale is not displayed, select Show Options.
- Drag the Density Scale or enter the percentage in the box to adjust the density.



- Repeat step one for the creation of the Clear Spot color. The Cyan will represent the Clear toner.



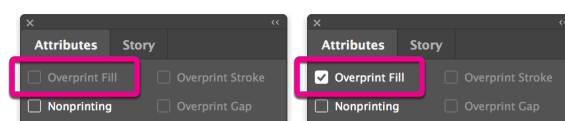
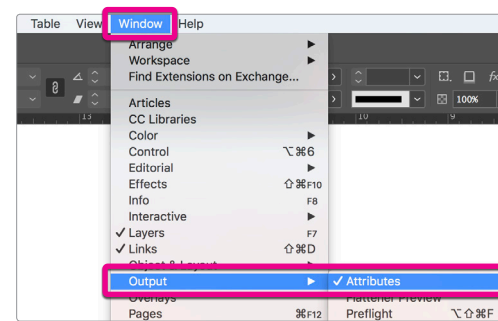
4. Create an Artwork layer and two 5<sup>th</sup> Color layers in the document. The 5<sup>th</sup> Color White and Clear toner will become the base layer for the CMYK artwork.



5a. The red CMYK Artwork will need to be **Multiplied** or set to **Overprint Fill** in order for the White base layer to print underneath it.

5b. **Overprint Fill** can be used in place of **Multiply** for vector or type elements **only**. To do that:

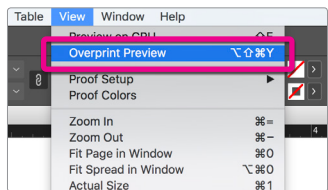
- Select **Window**.
- Scroll down to **Output**.
- Select **Attributes**.



d. 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*.

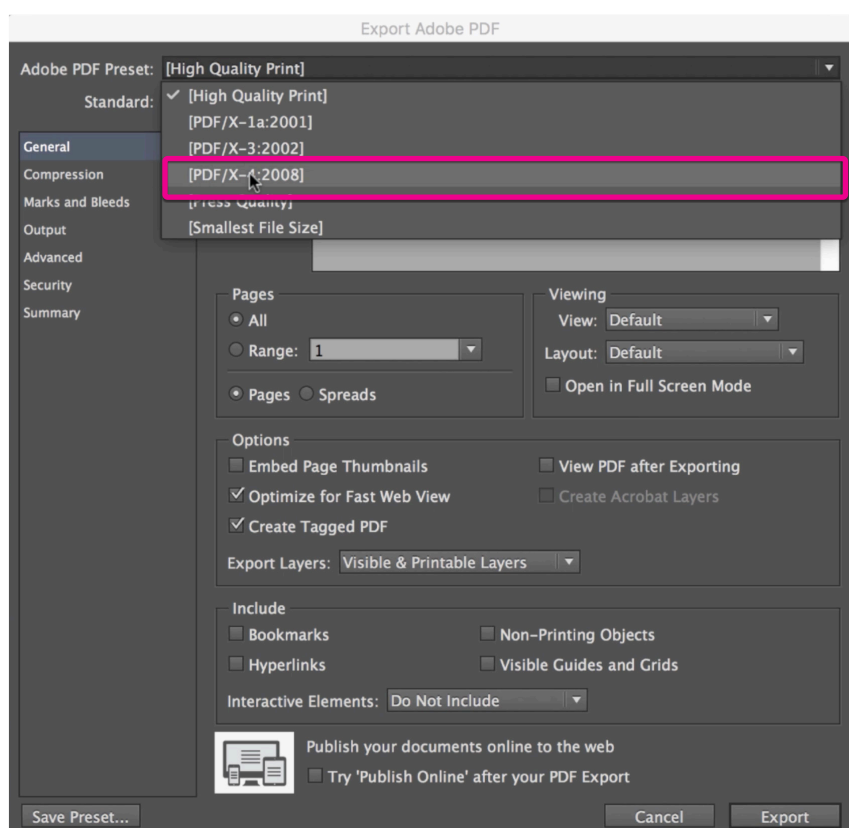
# Using the 5<sup>th</sup> Color White and Clear to enhance a layout in Adobe InDesign.

6. To confirm the artwork has been formatted correctly when using **Overprint Fill**, use **Overprint Preview** under the **View** menu to simulate the effect, otherwise the object will appear unchanged. The artwork will appear 'darker' if formatted correctly, as InDesign is simulating the printing of White (Magenta in this case) beneath the background artwork.



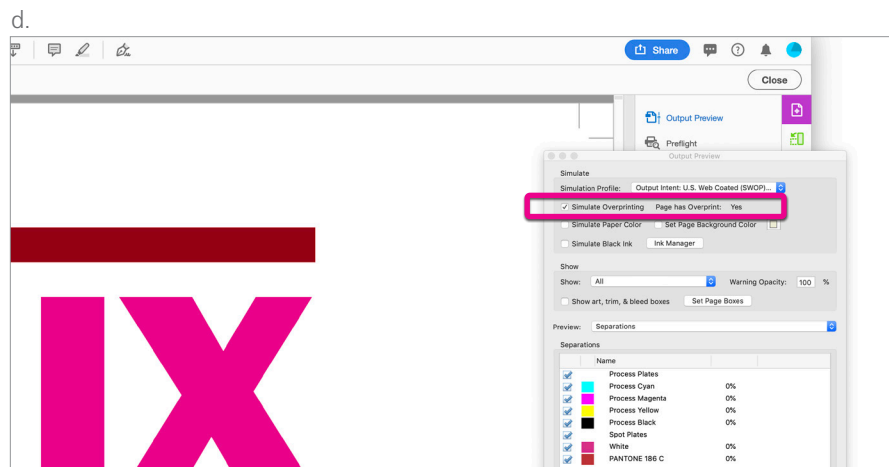
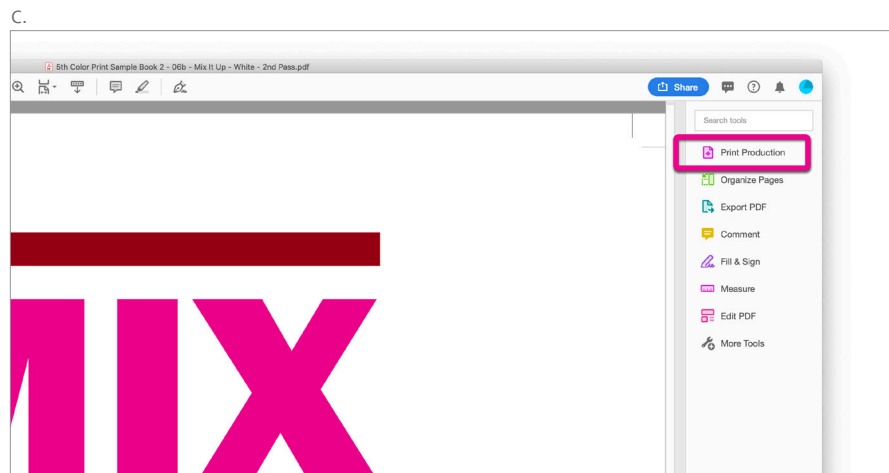
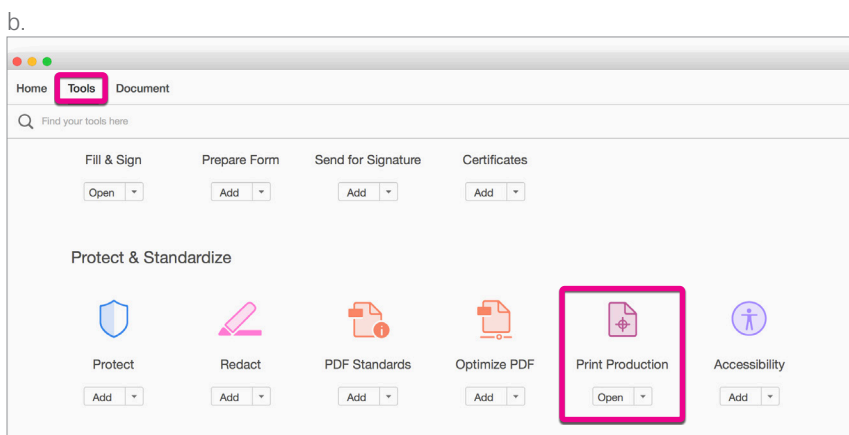
7. With your elements formatted and blending mode set, you're ready to create the PDFs.

Export your files as PDFs, **File – Export**, using the PDF Preset **PDF/X-4:2008**. This will allow Fiery® Command WorkStation to recognize where to apply the 5<sup>th</sup> Color White Toner.



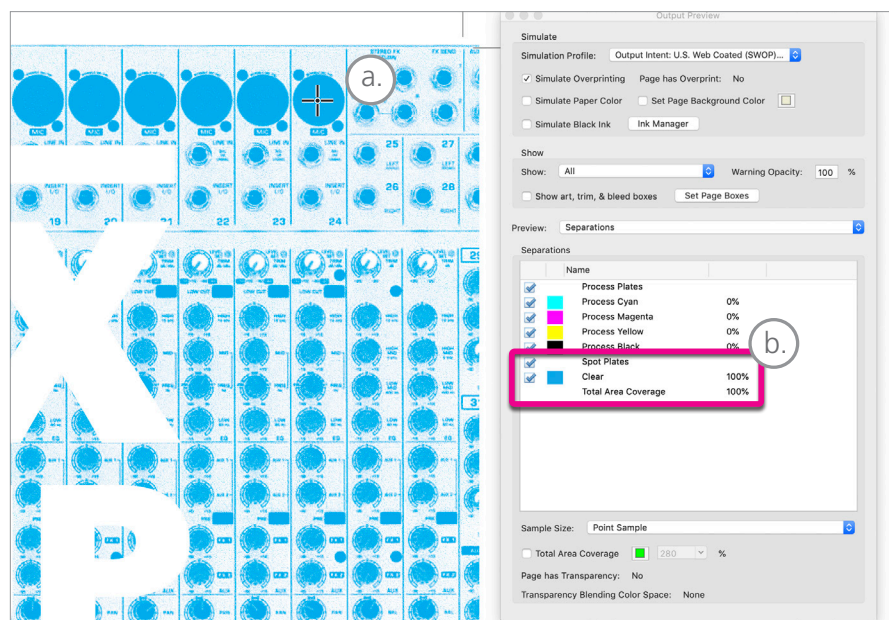
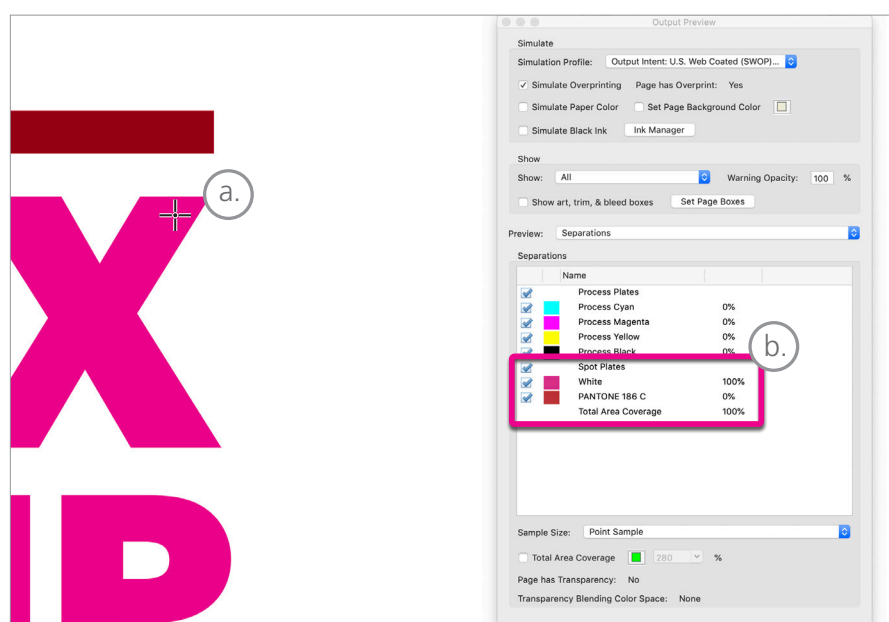
8. With your PDFs exported, it's a good idea to open up the file using Adobe Acrobat to confirm not only the presence of the White and Clear toners, but also that they are blending properly.

- 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 **White** and **Clear Spot Colors** by mousing over the artwork in their respective PDFs.
- The percentages will be displayed in the **Separations** window.



10. With the presence of the 5<sup>th</sup> Colors confirmed and the blending mode properly formatted, you're ready to print your files.

For more step-by-step & video tutorials, head to [RicohBusinessBooster.com/5thColor](http://RicohBusinessBooster.com/5thColor)