



HOW TO CREATE A WHITE INK SEPARATION FOR DIGITAL AND FLEXOGRAPHIC PRINTING

THE LABEL WILL BE PRINTING ON METALLIC SILVER FOIL MATERIAL.

THE CMYK INKS ARE TRANSPARENT SO IF THEY PRINT DIRECTLY ON TOP OF THE FOIL MATERIAL, THE INKS WILL HAVE FOIL EFFECTS.

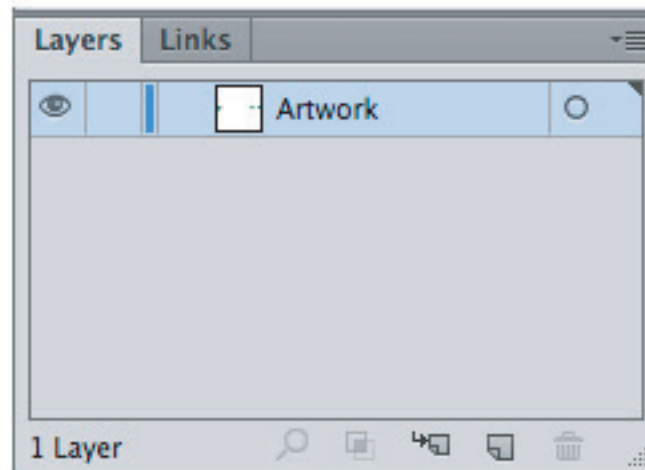
WHITE INK IS OPAQUE.

THE WHITE INK WILL ACTUALLY BE PRINTING BEHIND THE CMYK INKS, WHICH WILL SIMULATE A WHITE PAPER BACKGROUND.

BY CUSTOMIZING THE WHITE INK SEPARATION AND ALLOWING SOME AREAS OF FOIL MATERIAL TO SHOW THROUGH, THIS WILL CREATE COLORIZED METALLIC FOIL EFFECTS WITHIN THE LABEL DESIGN.

STEP 1

****MAKE SURE YOUR ILLUSTRATOR DOCUMENT IS IN CMYK COLOR MODE****



BEGIN WITH A SINGLE “ARTWORK” LAYER.

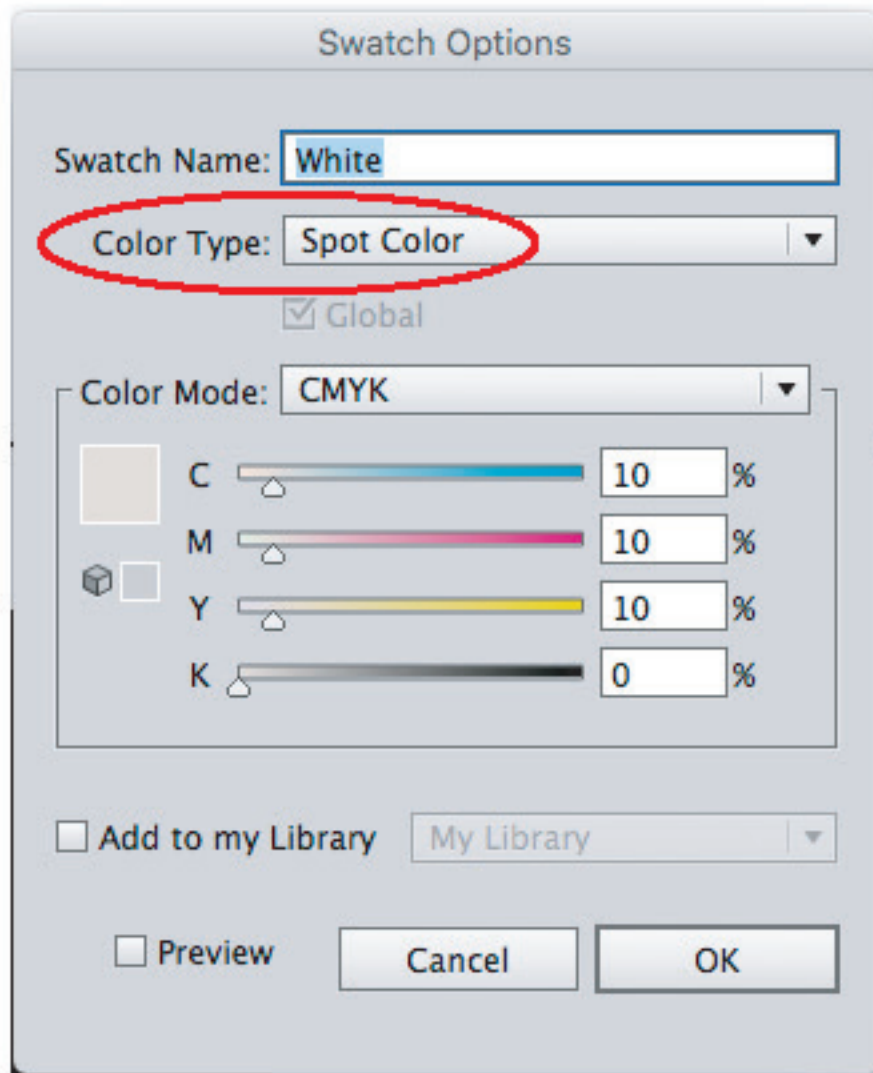
STEP 2

THIS IS THE LABEL DESIGN ON THE ARTWORK LAYER.



**WE WILL BE ADDING METALLIC FOIL EFFECTS TO THE GREEN TEXT,
BUT NOT THE YELLOW BACKGROUND.**

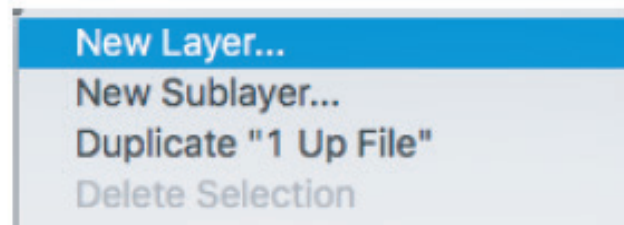
STEP 3



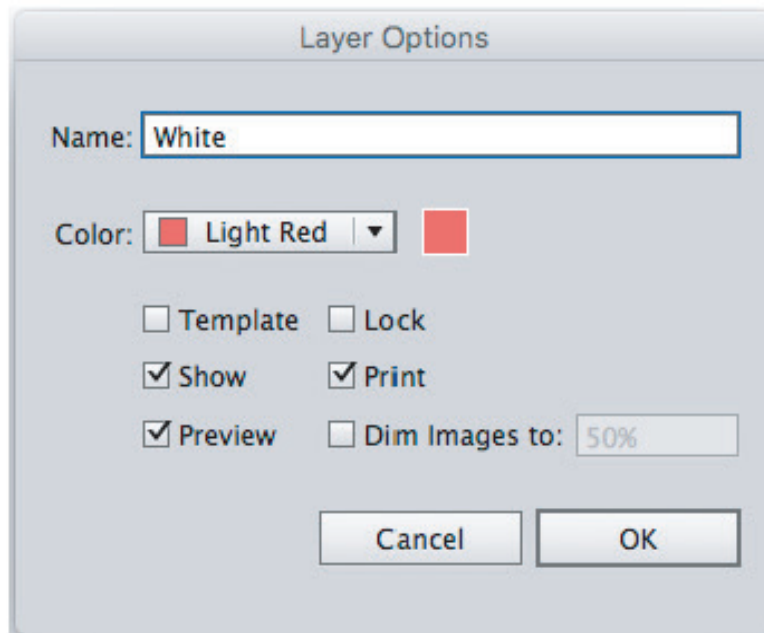
**CREATE A NEW CUSTOM SPOT COLOR SWATCH CALLED "WHITE"
AND BE SURE THE COLOR TYPE IS ASSIGNED "SPOT COLOR."**

**10% CYAN, 10% MAGENTA AND 10% YELLOW IS OUR
STANDARD COLORATION FOR A WHITE SPOT COLOR.**

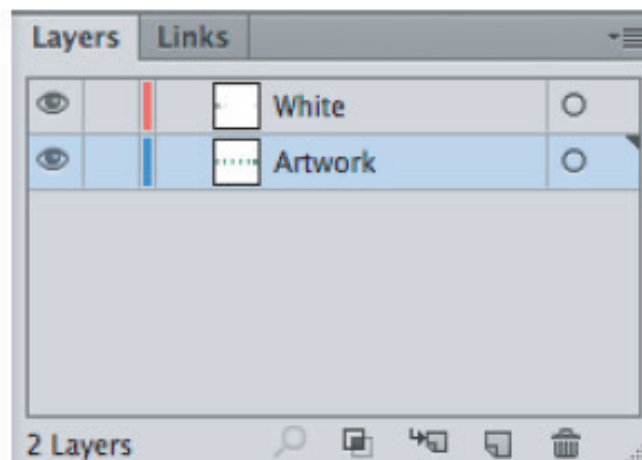
STEP 4



CREATE A NEW LAYER



NAME THE LAYER "WHITE"



MAKE SURE THE NEW WHITE LAYER IS ABOVE THE ARTWORK LAYER.

STEP 5

~ ARTWORK LAYER VISIBLE ONLY~



SELECT THE GREEN TEXT AND COPY IT USING THE “COPY” COMMAND FROM THE PULL-DOWN MENU.

THEN HIDE THE ARTWORK LAYER.

Edit	Object	Type	Select	Effect
Undo Typing				⌘Z
Redo				⇧⌘Z
Cut				⌘X
Copy				⌘C
Paste				⌘V
Paste in Front				⌘F
Paste in Back				⌘B
Paste in Place				⇧⌘V
Paste on All Artboards				⇧⌘V
Clear				

STEP 6

~ WHITE LAYER VISIBLE ONLY~

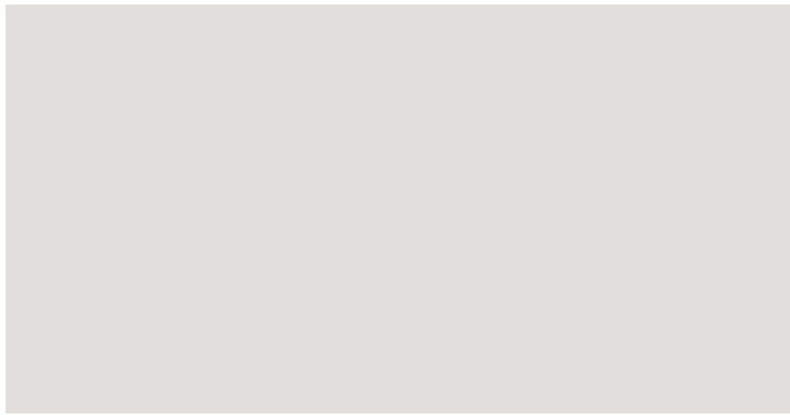


ACTIVATE THE WHITE LAYER AND CREATE A BOX THAT IS THE SAME SIZE AND SHAPE OF THE LABEL (INCLUDING THE BLEEDS).

MAKE SURE THE NEW BOX IS CENTERED IN THE EXACT SAME POSITION AS THE LABEL ON THE ARTWORK LAYER.

STEP 7

~ WHITE LAYER VISIBLE ONLY~



**COLOR THE NEW BOX WITH THE
CUSTOM WHITE SPOT COLOR SWATCH.**

STEP 8

~ WHITE LAYER VISIBLE ONLY~



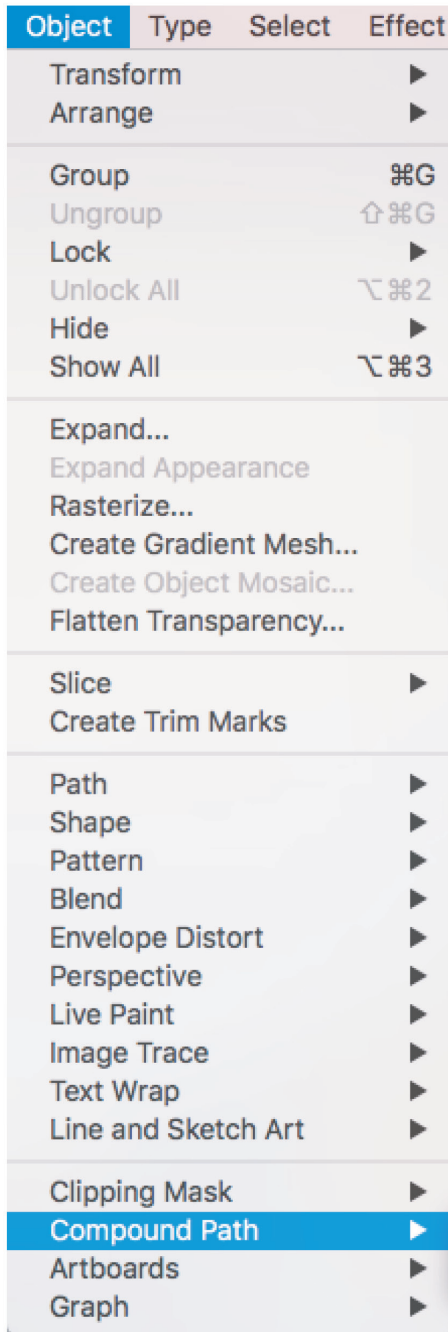
Objects With
Foil Effects

**PASTE THE GREEN TEXT INTO THE WHITE LAYER USING
THE “PASTE IN FRONT” COMMAND.**

Edit	Object	Type	Select	Effect
Undo Typing				⌘Z
Redo				⇧⌘Z
Cut				⌘X
Copy				⌘C
Paste				⌘V
Paste in Front				⌘F
Paste in Back				⌘B
Paste in Place				⇧⌘V
Paste on All Artboards				⇧⇧⌘V
Clear				

***“PASTE IN FRONT” WILL DUPLICATE THE GREEN TEXT INTO THE WHITE
LAYER IN THE EXACT SAME POSITION AS IT IS ON THE LABEL.***

STEP 9

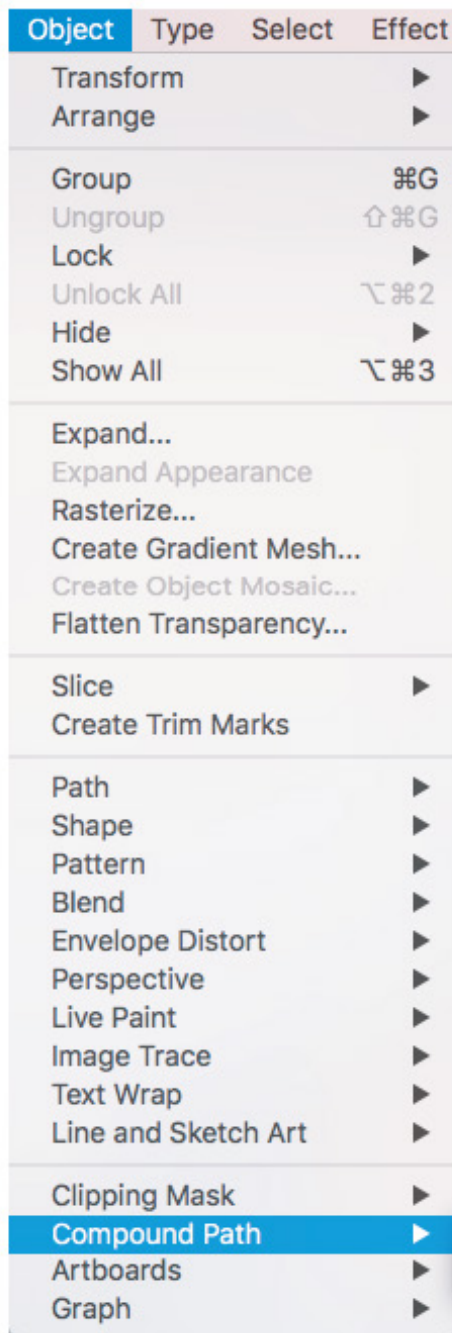


~ WHITE LAYER VISIBLE ONLY~



SELECT ONLY THE GREEN TEXT ON THE WHITE LAYER, GO TO THE “OBJECT” MENU AND CREATE A COMPOUND PATH.

STEP 10



~ WHITE LAYER VISIBLE ONLY ~



NOW SELECT BOTH THE GREEN TEXT AND THE WHITE BOX AT THE SAME TIME AND CREATE ANOTHER COMPOUND PATH.

THIS WILL KNOCK THE TEXT OUT OF THE WHITE BOX CREATING A CUSTOM COMPOUND PATH SHAPE.

STEP 11

~ BOTH WHITE AND ARTWORK LAYERS VISIBLE ~



Objects With
Foil Effects

TURN ON THE ARTWORK LAYER.

**YOU SHOULD SEE THE GREEN TEXT FROM THE ARTWORK LAYER
APPEAR BENEATH THE WHITE LAYER.**

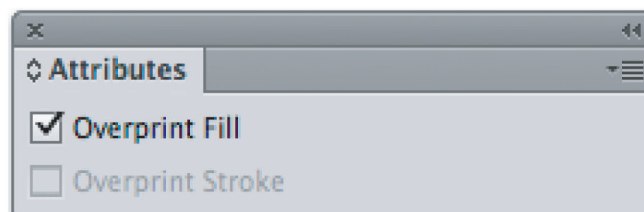
STEP 12

~ BOTH WHITE AND ARTWORK LAYERS VISIBLE ~



SELECT THE CUSTOM COMPOUND PATH BOX ON THE WHITE LAYER.

**THEN GO TO THE “ATTRIBUTES” PALETTE AND
CHECK THE BOX CALLED “OVERPRINT FILL”**

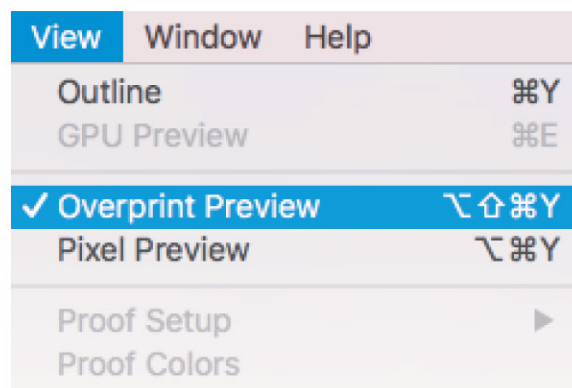


STEP 13

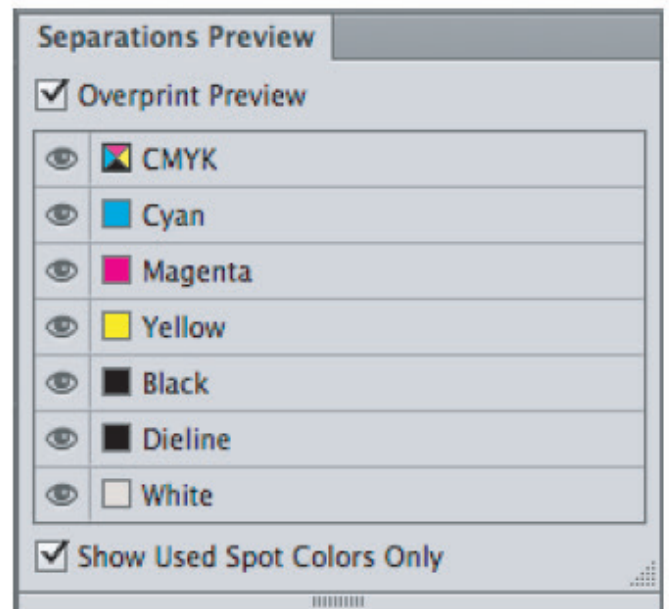
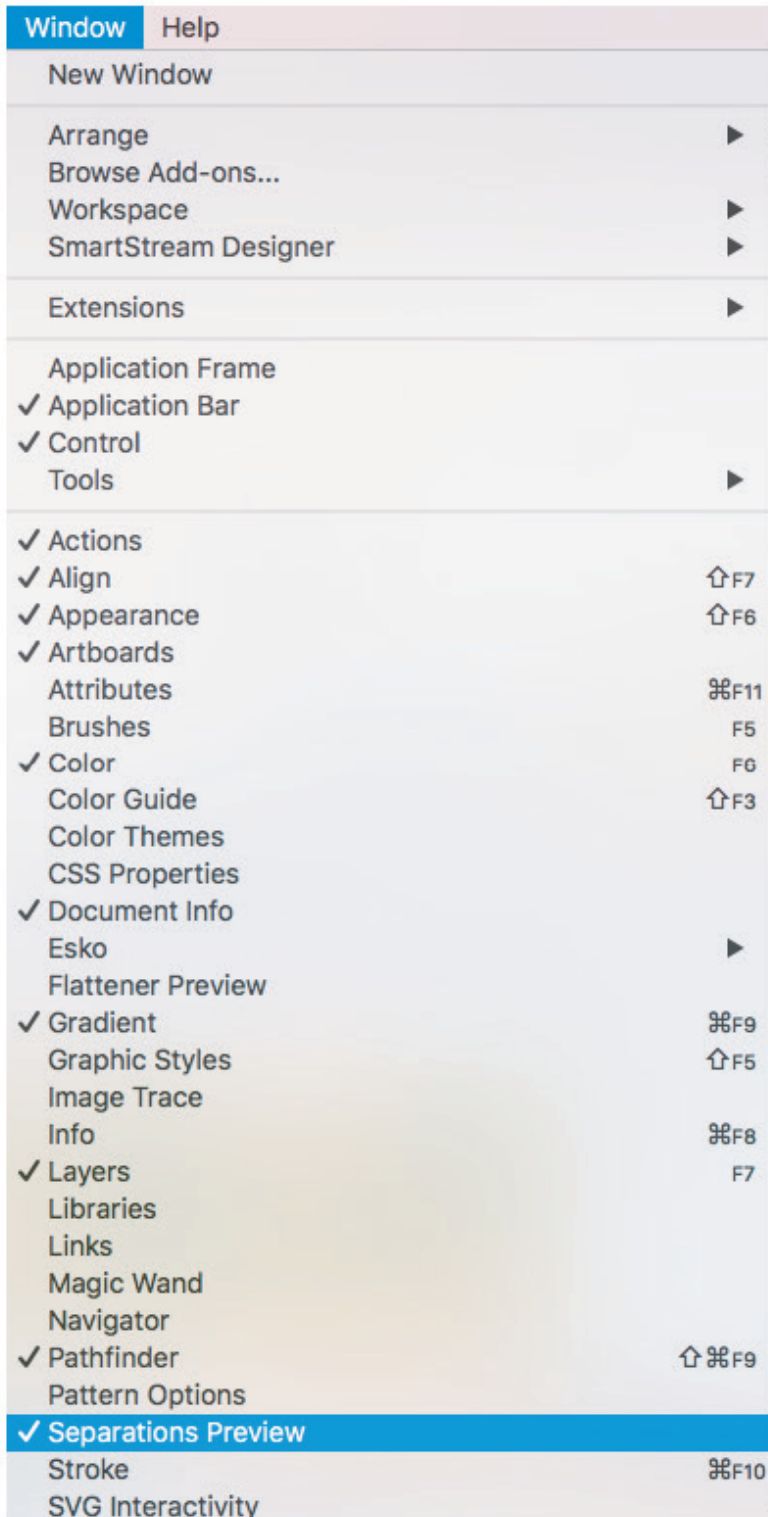
~ BOTH WHITE AND ARTWORK LAYERS VISIBLE ~



GO TO THE “VIEW” MENU AND SELECT “OVERPRINT PREVIEW.” THIS WILL SHOW THE WHITE INK COMBINED WITH THE ARTWORK.



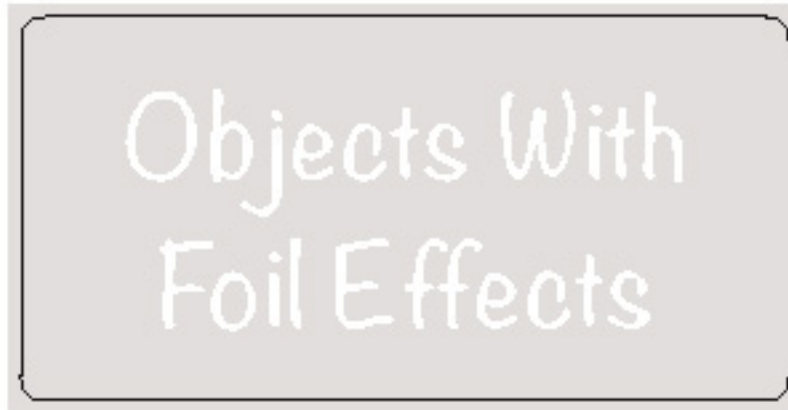
STEP 14



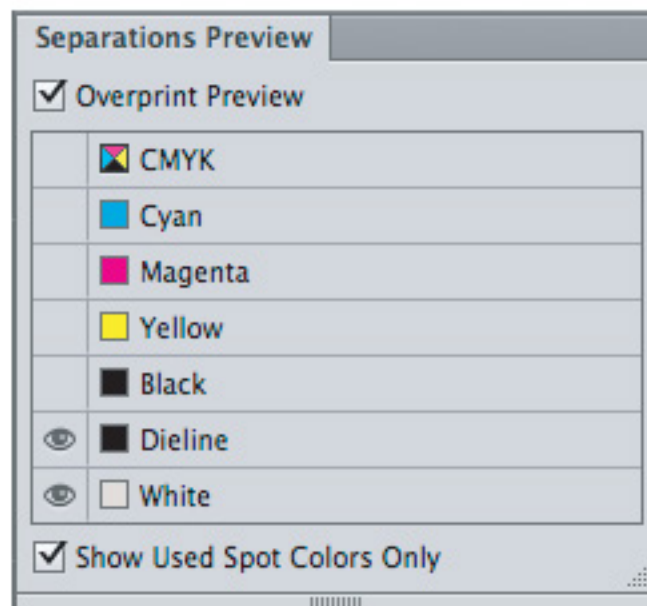
**GO TO THE "WINDOW" MENU AND SELECT "SEPARATIONS PREVIEW."
THIS WILL ALLOW YOU TO PREVIEW THE COLORS USED IN THE DOCUMENT.**

STEP 15

-- BOTH WHITE AND ARTWORK LAYERS VISIBLE --



TURN OFF THE CMYK COLORS TO REVEAL THE WHITE SEPARATION.



ANYWHERE THAT IS COLORED WITH WHITE INK WILL PRINT AS AN OPAQUE WHITE INK BACKER BEHIND THE GRAPHICS (SIMULATING WHITE PAPER).

ANYWHERE WITHOUT WHITE INK WILL BE THE METALLIC FOIL MATERIAL.