

RGB vs CMYK Colors

Red, Green and Blue (RGB) colors make up the spectrum of colors that we see on our computer screens. Images and graphics printed on paper use process color format: Cyan, Magenta, Yellow and Black (CMYK). In some cases there will be noticeable differences between shades of color when converting them. In order to get your desired print, it's best to do this conversion yourself.

The best way to convert RGB images and graphics is to convert them to CMYK process color in your **original file**. If that's not possible, you can convert a PDF to process color using Acrobat Professional. Here's how...

Tools Comment Share	Matching Criteria	Conversion Attributes
	Object Type: Any Object	Convert Command: Convert to Profile
► Pages	Color Type: Any Colorspace	Conversion Profile: U.S. Web Coated (SWO
► Content	Minimum Text Size: No Minimum	Rendering Intent: Use Document Intent
► Forms	Minimum Text Size: No Minimum	Kendering Intent: Ose Document Intent
 Action Wizard 	Maximum Text Size: No Maximum	×
Recognize Text		
Protection	Output Intent	
► Sign & Certify	Convert Colors to Output Intent Profile	U.S. Web Coated (SWOP) v2
Decement Processing	Convert Ontions	
Print Production	Preserve Black Promote Gray to CMV	Black Preserve CMYK Primaries
Acrobat Distiller	Course Document	
[] Output Preview	© All ◎ Current Page ◎ From: 1	To: 1
🗇 Preflight	All Current Page Prom: 1	10: 1
Tran Presets	Ink Manager Convert PANTONE 647 C, Con	vert PANTONE 647 U, Convert PANTONE
Convert Colors	1 Open the PDF and choose	
Ink Manager	Tools Pallette > Print Produ	ction > Convert Colors.
	2 Under Output Intent check	the box "Convert Colors to Output
	•	Coated (SWOP) v2" from the drop-
tput Preview		Preserve Black" under "Convert
	Options". Click OK.	
Simulation Profile: Output Intent: U.S. We	3 To confirm there are no lor	nger RGB images choose
🗌 Simulate Black Ink 👘 🔲 Simulate Paper (Tools Pallette > Print Production > Output Preview. Then under	
		e drop-down menu. You should
Ink Manager 🛛 Simulate Overprinting	see nothing if all images ha	-
	Note: If you do not have Acr	obat Pro you will not have the Print
ow: RGB		