

HOW TO SPLIT AN IMAGE INTO 4 LAYERS FOR CMYK SILKSCREEN

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OPEN YOUR IMAGE IN PHOTOSHOP

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 Adobe Photoshop CC 2018 ColorSync Utility Firefox Google Chrome Grab Safari 	Get Info Rename Compress "450px-'Le_Penseur'_(Auguste_Rodin)_3.jpg" Duplicate Make Alias Quick Look "450px-'Le_Penseur'_(Auguste_Rodin)_3.jpg"	ok e
App Store Other	Copy "450px-'Le_Penseur'_(Auguste_Rodin)_3.jpg"	1
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Open Your image in Photoshop





Make sure it is the right size, according to the paper format you want: $\langle BR \rangle$ - Go to Image \rangle Image Size $\langle BR \rangle$ if you would like to change the dimensions, make sure the chain is locked in order to keep the proportions $\langle BR \rangle$ - Put the resolution to 300 dpi, then click 'ok'



IMAGE MODE

:	Image	Layer	Туре	Select	Filter	3D	View	Window H	
	Mode Adjus	tments		Bitmap Grayscale Duotone					
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Check that your image is in CMYK: - Go to Image > mode > CMYK

SPLIT CHANNELS

Layers	Channels	Paths		
•	СМҮК		# 2	
•	Cyan		жз	
•	Magenta		# 4	
•	Yellow		# 5	
0	Black		ж6	

Go to Window > Channels Go to the hamburger on the top right corner of the Channels window Choose 'Split Channels'





Then it opens 4 windows, 1 for each channel: (Cyan, Magenta, Yellow and Black)



BITMAP



This you'll have to do for each Channel: Go to Image > Mode > Bitmap It opens this little window Keep the input and output to 300 dpi. Choose the raster you like, most often Halftone Screen



BITMAP

ALC: NO		Halftone Screen		
	Halftone Screen			ОК
	Frequency: 45	Lines/Inch	~	
	Angle: 82	degrees		Cancel



You will have to put a different angle for each Channel Opinions differ on this, but here is one you can use: Frequency: 45 (for all) Angles: cyan 82 /magenta 52 /yellow 7 /black 22 Shape: Round or Ellipse (same one for all)





Check at 100% view if the dots looks right. (shortcut is cmd+1)



CROPMARKS

	Export Adobe PDF	
Adobe PDF Preset:	t: [Press Quality] (modified)	~
Standard:	d: None ~ Compatibility:	Acrobat 5 (PDF 1.4)
General Compression Marks and Bleeds Output Advanced Security Summary	Marks and Bleeds Marks Marks All Printer's Marks Crop Marks Crop Marks Bleed Marks Bleed Marks Color Bars Color Bars Page Information	
	Bleed and Slug Use Document Bleed Settings Bleed: Top: 0p0 Bottom: 0p0 Outside: 0p0 Include Slug Area	
Save Preset		Cancel Export

Now we are going to add cropmarks, necessary for a good alignment of the 4 layers :) Import each 4 .psd file into a Indesign file of the same dimensions. Then just save each file as PDF, and tick the option 'Add cropmarks' on the export panel of indesign, in 'Marks and bleeds'. Click 'Press quality' and 'Export'