



Superior Photo & Design

Image Resolution:

When determining how many pixels you need, it all boils down to how you will be using the photo and what size it will be printed. Here's a handy chart to guide you when determining how many pixels you will need for scanning and printing standard size images. For those who are creating large museum work you may multiply the numbers below to approximate your needs based on your desired size.

Image size Pixels (Virtual Size of Scans)	Megapixel rating	Print size (inches) at 200ppi	Print size (inches) at 300ppi
640 x 480	0.3	3.2 x 2.4	2.1 x 1.6
1,024 x 768	0.8	5.1 x 3.8	3.4 x 2.5
1,280 x 960	1.2	6.4 x 4.8	4.2 x 3.2
1,504 x 1,000	1.5	7.5 x 5.0	5.0 x 3.3
1,632 x 1,224	2.0	3.3 x 6.1	5.4 x 4.1
2,000 x 1,312	2.6	10.0 x 6.6	6.7 x 4.4
2,240 x 1,488	3.3	11.2 x 7.4	7.5 x 5.0
2,275 x 1,520	3.5	11.4 x 7.6	7.6 x 5.1
2,272 x 1,704	3.9	11.4 x 8.5	7.6 x 5.7
2,590 x 1,920	5.0	13.0 x 9.6	8.6 x 6.4
3,008 x 2,000	6.0	15.0 x 10.0	10.0 x 6.7
4,256 x 2,848	12.1	21.3 x 14.2	14.2 x 9.5
4,536 x 3,024	13.7	22.7 x 15.1	15.1 x 10.1
5,782 x 3,946	22.8	28.9 x 19.7	19.3 x 13.2