
Subject: Re: PostScript and TrueColor images
Posted by [Karl\[1\]](#) on Fri, 22 Oct 2010 19:16:56 GMT
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On Oct 22, 12:59 pm, nata <bernat.puigdomen...@gmail.com> wrote:

> The maximum value for BITS is 8
>
> BITS_PER_PIXEL
>
> (PS)
>
> IDL is capable of producing PostScript images with 1, 2, 4, or 8 bits
> per pixel. Using more bits per pixel gives higher resolution at the
> cost of generating larger files. BITS_PER_PIXEL is used to specify the
> number of bits to use. If you do not specify a value for
> BITS_PER_PIXEL, a default value of 4 is used.
>
> It should be noted that many laser printers, including the original
> Apple Laserwriter are capable of only 32 different shades of gray
> (which can be represented by 5 bits). Thus, specifying 8 bits per
> pixel does not give 256 apparent shades of grey as might be expected,
> only 32, at a cost of sending twice the number of bits to the printer.
> Often, 4 bits (16 levels of gray) will give acceptable results with a
> large savings in file size.

OK. My bad.

They try setting /decomposed, /color in your device command when using the 'ps' device.

You used decomposed when using the X device. And Mike Galloy's web site has a sample of using 24-bit ps and sets /decomposed.
