
Subject: Re: Device's bits_per_pixel keyword
Posted by [thompson](#) on Fri, 13 Nov 1998 08:00:00 GMT
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Harald Frey <hfrey@ssl.berkeley.edu> writes:

> bits_per_pixel has nothing to do with the size of the PS output, it is
> just the number of bits that is adjusted to each pixel and allows
> display in black/white or in any of 255 grey-levels. You have to use the
> xsize and ysize keywords.

> set_plot,'ps'
> device,xsize=15.,ysize=15.,xoffset=3.,yoffset=5.,scale_factor=1.,bits=8,/color

> .
> .
> device,/close

I think there's some confusion over the word "size" here. The above commands will affect the size of the plot on the page, but will have no effect on how much disk space the file takes up. BITS_PER_PIXEL does have an effect on the file size, but only for greyscale rendering, as discussed in my previous posting.

William Thompson
