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Subject: Re: set\_plot,'PS' and accurate colors?  
Posted by [dave](#) on Wed, 08 Jan 2003 19:59:29 GMT  
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I'm sorry I didn't see the response until just now.

It's looking like IDL can't plot output graphics (PS, metafile etc) with more than 256 colors ever, is that true?

David Fanning wrote:

```
> David Fanning (david@dfanning.com) writes:
>
>> dave (knapp@rtt.colorado.edu.NOSPAM) writes:
>>
>>> I just reduced the color depth in the plots (the range in the color variable)
>>> to less than 255 with no change in the output colors at all.
>> Oh, I don't think so. :-)
>> Can you show me how you constructed and loaded your
>> color table and indexed the colors?
>
> This code produces a series of rainbow colored lines both on
> the display and in a PostScript file.
>
> PRO Test
> Loadct, 13 ; Rainbow colors
> x=findgen(256)* 0.8/256. + .1
> Window, XSize=800, YSize=400
> for j=0,255 do plots, [x[j], x[j]], [0.1, 0.9], Color=j
>
> thisDevice = !D.Name
> Set_Plot, 'ps', /Copy
> Device, XSize=10, YSize=7, XOffset=0.5, File='test.ps', $
>   YOffset = 10.75, /Inches, /Landscape
>
> for j=0,255 do plots, [x[j], x[j]], [0.1, 0.9], Color=j
>
> Device, /Close
> Set_Plot, thisDevice
> END
>
> Cheers,
>
> David
> --
> David W. Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Phone: 970-221-0438, E-mail: david@dfanning.com
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- > Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
  - > Toll-Free IDL Book Orders: 1-888-461-0155
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