
Subject: Plotting in color on a 24 bit display
Posted by [jmcfee](#) on Mon, 28 Aug 1995 07:00:00 GMT
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I am trying to plot multiple graphs in different colors in IDL 4.0 on a Sparcstation 20 with a 24 bit display. My old programs, designed for an 8-bit display, do not work. As a first step, I ran the following very simple pro file to plot white on black:

```
red = [1,0,0,1,1,0,.9,.7,1,0]
green = [0,1,0,1,0,1,.9,.9,1,0]
blue = [0,0,1,0,1,1,.7,.9,1,0]
s = size(red)
nct = s(1)
erase
bck_color = long(red(nct-1) + 256L*(green(nct-1) + 256L*blue(nct-1)))
plt_color = long(red(nct-2) + 256L*(green(nct-2) + 256L*blue(nct-2)))
d = findgen(100)
plot,d,background=bck_color,color=plt_color,title='Simple plot'
end
```

and I just get a black screen. According to the manual - Users Guide p.16-13 - (yes, I HAVE read the manual) this should work! I've tried changing the color indices to no avail. Am I doing something stupid? Any help is greatly appreciated.

P.S. The display is working OK. I can TV, image, channel=0,1,2,3 with no problem. Adding the channel=0,1,2,3 keyword to the plot command doesn't help.

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John E. McFee -- Usual disclaimer applies.
Threat Detection Group -- "They can kill you -
Defence Research Est. Suffield -- but they're not allowed to eat you."
jmcfee@dres.dnd.ca -- - Chuck Jones
