
Subject: Re: Color woes

Posted by [Craig Markwardt](#) on Tue, 15 May 2001 19:32:56 GMT

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Richard, your hunch is correct. IDL does not currently function with 16-bit color, period. She can test this for herself by using the "xdpyinfo" command and looking for the following indications of 16-bit color:

```
...
depth 16, bits_per_pixel 16, scanline_pad 32
```

```
...
depths (1): 16
```

```
...
```

Her only choice is to change color modes to 8- 24- or 32-bit color, which requires some mucking about in the XF86Config file under Linux. [In this application 32-bit and 24-bit are essentially the same.]

Craig
cc to rdanos

"Richard G. French" <rfrench@wellesley.edu> writes:

```
> Hi, folks -
> I am posting this for a friend who does not have access to this
> newsgroup. She is having trouble displaying images in color - I sent
> her to David Fanning's device,decomposed=0 page but she is still having
> trouble. I asked her to provide information about the version of IDL,
> her machine, operating system, graphics card, and a coded example of the
> specific problem she has. Here is her reply. I hope some of you color
> experts can pass on a suggestion to her about what to try. Thanks!
> (Please post reply here, but feel free to cc: to Rebecca at
> rdanos@astro.ucla.edu if you think you can help her directly.)
> My hunch is that her machine is set up for 16-bit color, but I can't
> be sure.
> Thanks everyone,
> Dick French
>
>
>> 1) version of IDL, and info about the display
>> IDL> print,!version
>
> { sparc sunos unix 5.4 Sep 25 2000    32    64}
>
>> IDL> help,/device
> When I do this I get an error:
>
```

```
> Available Graphics Devices: CGM HP LJ NULL PCL PRINTER PS REGIS TEK X Z
> Current graphics device: X
> % Unsupported X Windows visual (class: StaticGray, depth: 0).
> Substituting default (class: <UndefinedVisual>, Depth: 0).
> % Execution halted at: $MAIN$
... remainder deleted ...
```

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Craig B. Markwardt, Ph.D.      EMAIL:  craigmnet@cow.physics.wisc.edu
Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response
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```
