
Subject: device, true_color=24, decompose=0
Posted by [Gary Fu](#) on Mon, 14 Jun 1999 07:00:00 GMT
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Hello,

Based on the IDL documentation the "decomposed=0" for the "device" command allows users with TureColor displays to use IDL programs written for standard, PseudoColor displays without modification. But I don't understand why I got different results in the following two idl codes:

```
device, pseudo=8
window, xsize=100, ysize=100
erase, 50
print, min(tvrd())          ; print out 50
tvlct, 100, 100, 100, 50
erase, 50
print, min(tvrd())          ; print out 50
```

```
device, true_color=24, decompose=0
window, xsize=100, ysize=100
erase, 50
print, min(tvrd())          ; print out 50
tvlct, 100, 100, 100, 50
erase, 50
print, min(tvrd())          ; print out 100
```

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Thanks.

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