
Subject: Changing SLICER Background Color
Posted by [davidf](#) on Tue, 13 May 1997 07:00:00 GMT
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Hi Folks,

I have been asked twice this week how to change the background color for the IDL-supplied routine SLICER. (It has something to do with the conjunction of the Moon and spectacular Mars, I think.) Anyway, I mentioned here a few days ago that the complete solution was more complicated than I hoped it would be. That is still true.

But here is a two-minute hack that will allow anyone to change the background color of the SLICER to whatever color they like. (The background color will still change when you load a different color table, however, but you can change it back.) Here is what you do.

Add this event handler module to the SLICER code. (Just in front of the SLICER module itself is a good place.)

```
PRO SLICER_CHANGE_BACKGROUND_COLOR, event
  CHGCOLOR, !P.Background, Title='Change Background Color'
END
```

Find this line in the SLICER code:

```
sl.cslide(2) = WIDGET_SLIDER(parent, xsize = sl_width, MINIMUM=0, /DRAG, $
  MAXIMUM=100, UVALUE = "SHADING", Title="Differential Shading (%)",
  VALUE=20)
```

Immediately *after* this line, add this line of code:

```
dummy = WIDGET_BUTTON(parent, Value='Change Background Color', $
  Event_Pro='SLICER_CHANGE_BACKGROUND_COLOR')
```

That's it! Recompile the SLICER code and now when you choose the "Color Tables" button you will have an additional button that allows you to change the background color.

You will have to download the CHGCOLOR program from my Coyote's Guide to IDL Programming web page. Be sure you get the latest version, since I have been a bug fixin'. :-)

Cheers!

David

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