



Using the SnagIt® Screen Capture Utility

As a convenience to our customers, Phoenix provides a licensed copy of SnagIt®, a screen capture utility from TechSmith®, along with our data processing software.

Phoenix's software presents graphical plots in colour against a black background, but some customers prefer their printed output to be reversed. SnagIt provides a simple way to modify, save or print the data plots created by our DISP-CAL and other plotting programs.

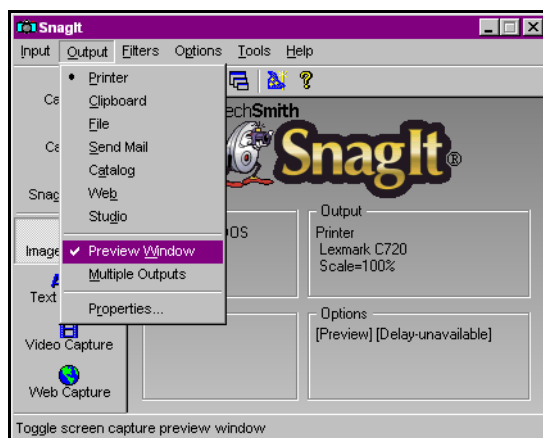
Recommended Settings

After installing SnagIt according to the manufacturer's instructions, and before running the DISP-CAL program, start SnagIt and make the following adjustments:

1. From the **Input** menu, point to **Advanced** and click **Full-screen DOS**.



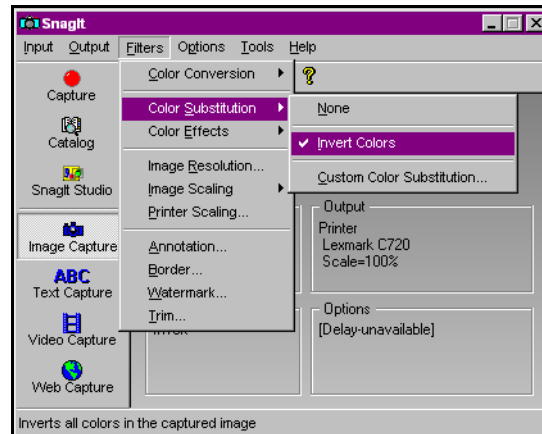
2. From the **Output** menu, click **Preview Window**.



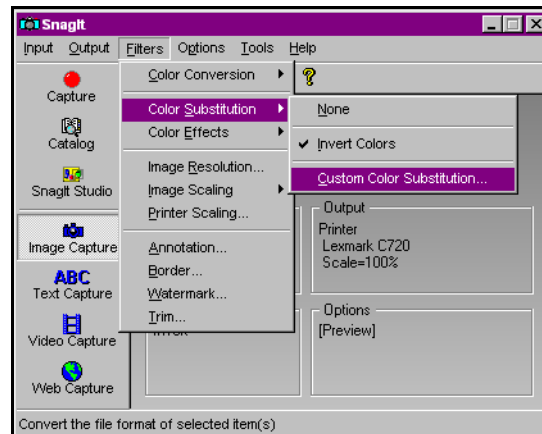
3. Again from the **Output** menu, click **File** to save your plots on disk, or **Printer** to print them immediately without saving.



4. If you chose **Printer** in step 3, then again from the **Output** menu, click **Properties**, select the printer you intend to use, and if available, select **Landscape** orientation.
5. From the **Filters** menu, point to **Color Substitution** and click **Invert Colors**. (This is a temporary setting that simplifies the next steps. You will clear this option later.)

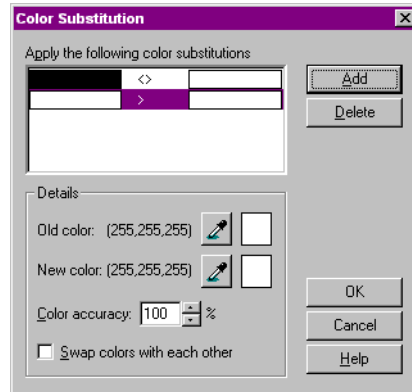


6. From the **Filters** menu, point to **Color Substitution** and click **Custom Color Substitution**.

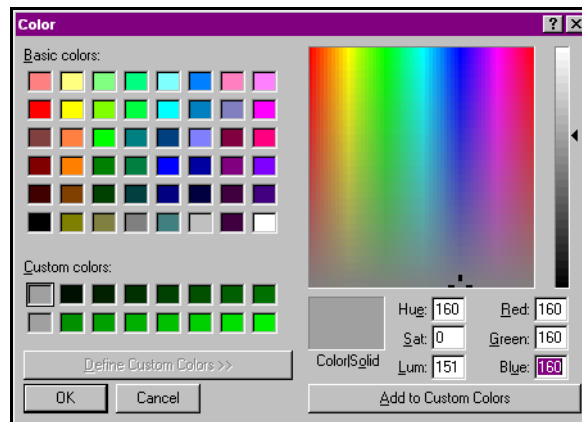


7. Click **Add**.

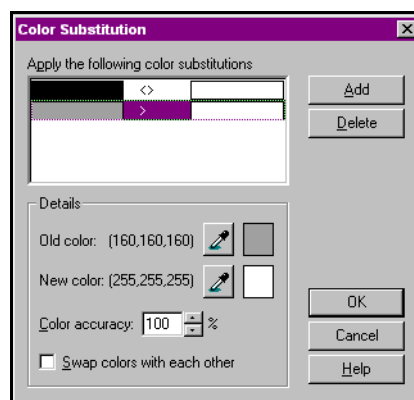
A new white-to-white substitution bar appears under **Apply the following color substitutions**.



8. In the **Details** area, click on the white square to the right of **Old color:**.
9. In the **Color** box, in the **Custom colors** area, click the top left rectangle.

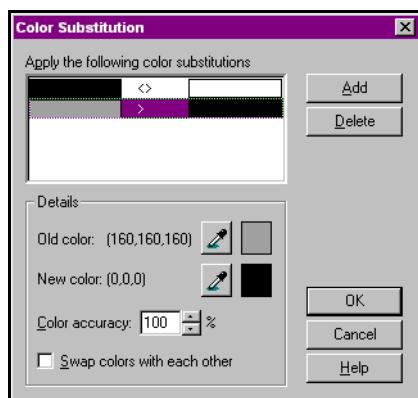


10. On the far right side of the **Color** box, drag the slider arrow down until the values for **Red**, **Green**, and **Blue** all read 160.
11. Click **Add to Custom Colors** and then click **OK**.
12. In the **Details** area, click on the white square to the right of **New color:**.





13. In the **Color** box, in the **Custom colors** area, click the bottom left rectangle.
14. On the far right side of the **Color** box, drag the slider arrow down until the values for **Red**, **Green**, and **Blue** all read 0.
15. Click **Add to Custom Colors** and then click **OK**.
16. The completed **Color Substitution** dialog box should look like this:



Under **Apply the following color substitutions**, the first substitution bar (created by SnagIt when you chose Invert Colors in step 5) turns the black background of the DOS graphics screen to white. The second substitution bar, which you created, turns the grey borders of the graphic plots to black.

17. Click **OK**.
18. From the **Filters** menu, point to **Color Substitution** and click **Invert Colors** (i.e., turn **Invert Colors** off.)
19. The SnagIt main screen now reflects your settings:



Using SnagIt with Phoenix software

Each time you want to use DISP-CAL (or other plotting programs) and save or print the plots, make sure you have first started SnagIt with the settings described above.

When the plotting software is running and you wish to print or save the display, press the Print Screen key. Your plot will be displayed in the SnagIt Preview Window.

Click **Finish** if the preview is satisfactory. Otherwise, if you wish to make any further changes before printing or saving the file, refer to the complete instructions for using SnagIt provided by the manufacturer. To customize additional colour substitutions, refer to the table below for the Red, Green and Blue (RGB) values used by Phoenix software. Enter these values in the **Color** dialog box for each **Old color** you wish to change.

Phoenix Software Colour Values

Number	Colour	Red	Green	Blue
0	Black	0	0	0
1	Blue	0	0	160
2	Green	0	160	0
3	Cyan	0	160	160
4	Red	160	0	0
5	Magenta	160	0	160
6	Brown	160	80	0
7	Grey	160	160	160

Number	Colour	Red	Green	Blue
8	Lt. Grey	80	80	80
9	Lt. Blue	80	80	255
10	Lt. Green	80	255	80
11	Lt. Cyan	80	255	255
12	Lt. Red	255	80	80
13	Lt. Magenta	255	80	255
14	Yellow	255	255	80
15	White	255	255	255