

Posterize

Options menu: **Posterize**

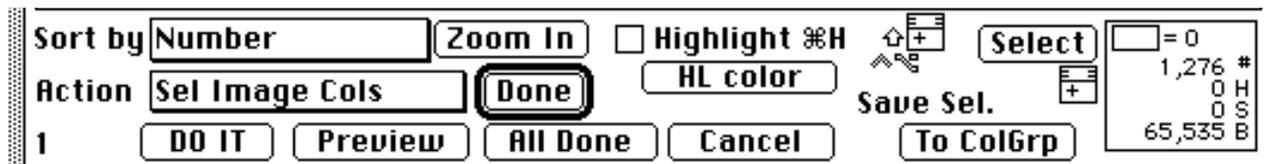


The process overview is:

Sort by: choose how you want the colors sorted,

Action: choose what action you want to take with the selected color(s)

by clicking beneath it: choose which color or colors on which you want to take the action, choose **Preview** (allowing an Undo) or choose **Do It**



Sort by:

This is where you choose how you want the colors sorted. In the dialogue box a histogram is displayed. The histogram shows the colors sorted.

Sort by



The colors can be sorted in the pop up menu by:

number, (sort by color number)

hue, (sort by hue)

saturation, (sort by saturation)

brightness, (sort by brightness)

red, (sort by red)

green, (sort by green)

blue, (sort by blue)

cyan, (sort by cyan)

magenta, (sort by magenta)

proximity, relationship of colors to each other color, by their hue, saturation and brightness, **frequency**, number of times the colors occur in the image.

Action Sel Image Cols

Action:

This is where you choose what action you want to take with the selected color or colors.

Adjust Colors: changes the color palette with color picker. This action does not change pixel color numbers in image.

Avg. Hue: averages the hue of the selected colors, changes occur only in the palette, not the color numbers in the image

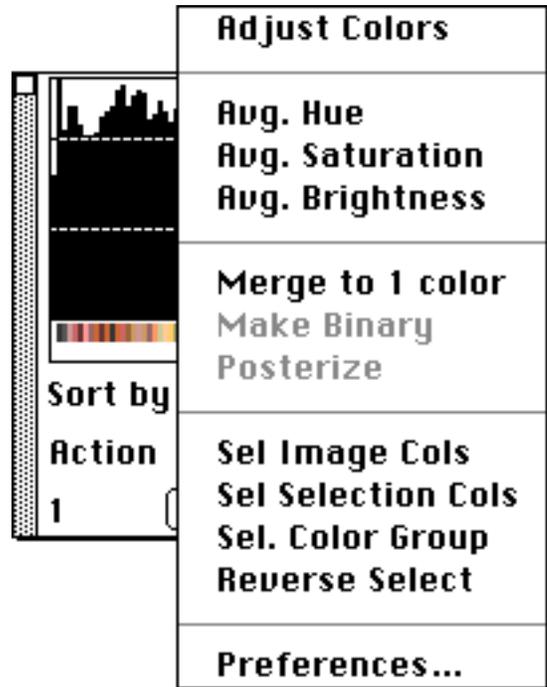
Avg. Saturation: averages the saturation of the selected colors, changes occur only in the palette, not the color numbers in the image

Avg. Brightness: averages the brightness of the selected colors, changes occur only in the palette, not the color numbers in the image

Merge to 1 color: change all selected color pixels to the chosen target color, changes occur only in the image, not in the palette

Make Binary: not yet implemented.

Posterize: not yet implemented.



Sel Image Cols: select all the colors used in the image, this is the default.

Sel Selection Cols: select only the colors used in the current selection, the selection must be made before entering posterize dialogue.

Sel Color Group: select only the colors used in the current color group the color group must be defined either before entering posterize dialogue or by saving the current selection to a color group. Note: the current color group will be used.

Reverse Select: reverse the colors selected: unselected colors become selected and selected colors become unselected.

Preferences... posterizing preferences: the following is defined in this window:

use of CIE Lab, (most useful if accurate system profile has been established in control panel color sync)

weight given to hue and saturation,

averaging of colors by

all: use unweighted average of all selected colors whether in image or not,

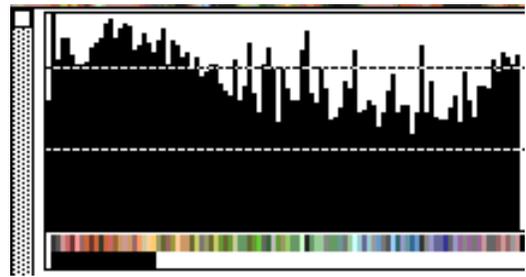
use unweighted average of only selected colors also in image,

weighted by use: use weighted average of only selected colors also in image, (the most used will have the most weight)

The bar beneath the colors in the histogram is where you choose which color or colors on which you want to take the action, to

select color(s) to change:

select by **click below desired color** in dialogue, to select more than one color at a time, **click and drag below adjacent colors**, to choose multiple colors not located next to each other, **hold shift key as you click on additional colors**.

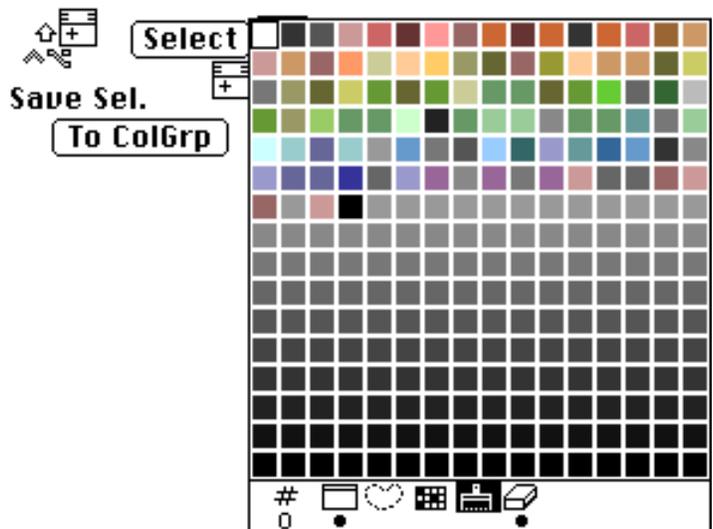


You can also **select color(s)** to change by **clicking in the image:** by holding down the **shift key to select** first color, **(click again to deselect)** holding down the **control key to add** to selected colors and holding the **option to subtract** from the selected colors .

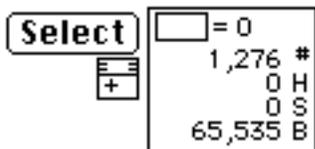


Select

This is where you **choose the target color**. The target color is what the selected color or colors will become **when using Merge to 1 Color** in the Action pop up menu.



You can **load the target color** in the two following ways:
 Select the target color by **clicking on select** to bring up the palette, pull over to the color you want and release.
 Select the target color by **clicking on the color** you want in the **image**.



Next to the **Select** button, the **current chosen color** is displayed, its' **color number**, the **number of times it occurs** in the image and its' **Hue**, its' **Saturation** and its' **Brightness** values are also shown.

To ColGrp:

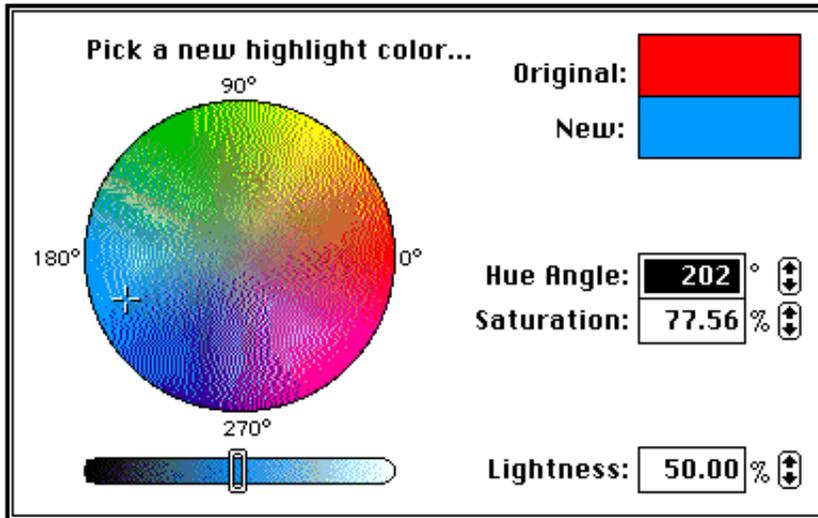
To save the current selection to a color group click on **To ColGrp**, allowing you to save the current color group you have made for later use.





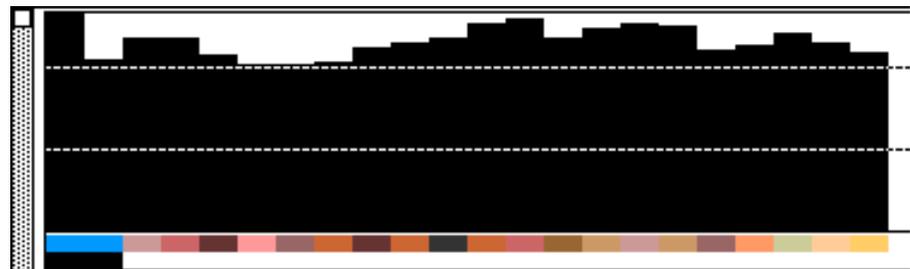
Zoom In (zoom in on selected colors in histogram for easier viewing)
To zoom out click on **Done**

Highlight color (highlights selected color to show position of that color in image)



HL color: click to change the color used to show selected color in image-the default is red.

When the highlight is on the selected colors will be shown in the highlight color both in the image and in the posterize dialogue.



Preview **preview: Keep/Undo** This allows you to preview the current change in the entire image. A pop up menu will appear. If the change is satisfactory click on **Keep**, if change is unsatisfactory click on **Undo**.

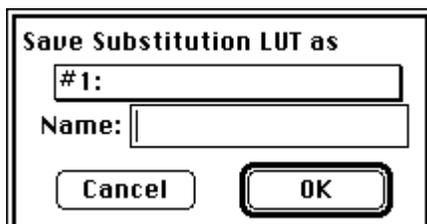


DO IT **DO IT:** This allows you to implement the current change without preview.

Done: To zoom back out to view full histogram, click on **Done**.



All Done: To exit dialogue, keeping all changes, click on **All Done**:



a small window will appear, allowing you to save the color changes you have made as a **subLUT** (substitution look up table)

Cancel: click on Cancel to discard current changes and revert to previous version.

