



TRIADEM® StylePlugs: Coloration

Textile Design PlugIn for Adobe© Photoshop©

WorkBook

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Coloration V3: Color Reduction & Colorways – Getting Started Guide

This WorkBook is designed to give you a quick start to creating colorways with the TRIADDEM Coloration PlugIn. It guides you through the most important steps.

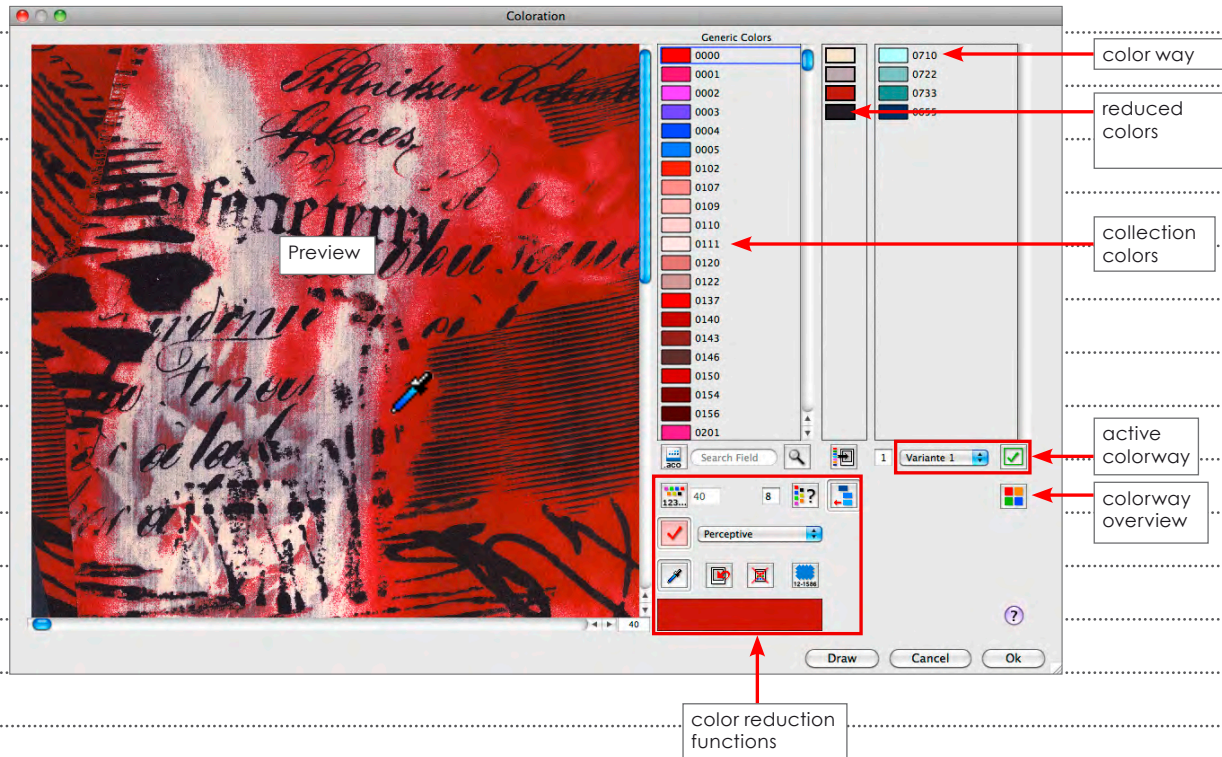
More detailed information as well as installation instructions can be found in the TRIADDEM Coloration V3 handbook.

We wish you a good time working with our software!



Overview: Coloration

Notes:



Reducing colors and creating colorways

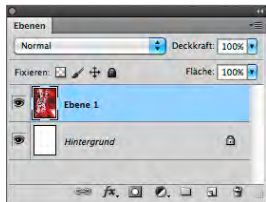
> Requires TRIADDEM StylePlug Coloration (Coloration, Variator)

The Coloration PlugIn allows you to reduce the number of colors within a picture to the desired amount. You can easily change the coloration of your reduced image by selection colors from the collection color list. The final version can then be drawn into the Photoshop file.

Photoshop preparations



1.) Open a picture file in Adobe Photoshop. This can be a scanned image, picture or drawn design. Coloration supports RGB and CMYK color modes.



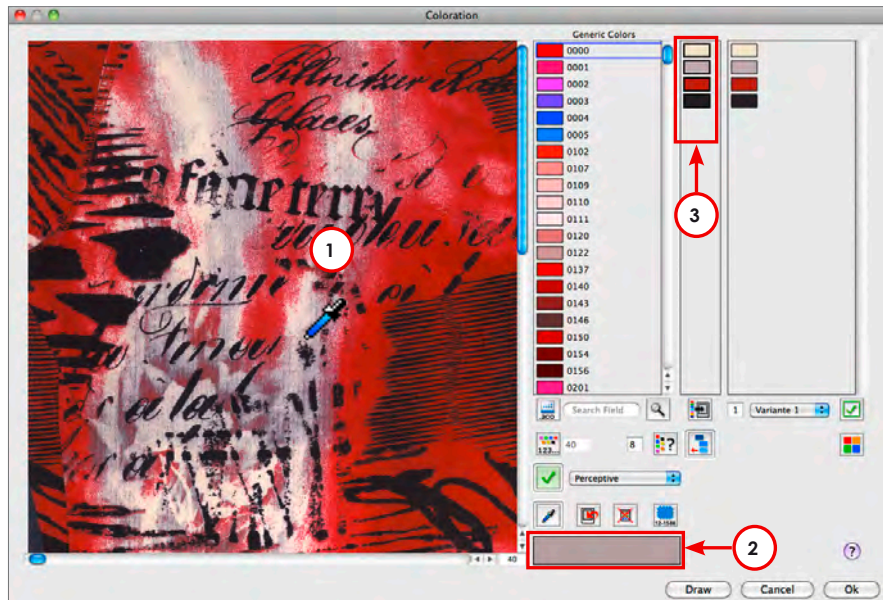
Beware: If you are working with layers, please note WHICH layer is active and that your design is located in the active layer. The Coloration PlugIn works as a filter. Filters can only be applied to existing pixels! Transparent areas remain unchanged!

2. Select menu Filter > TRIADEM StylePlugs > Coloration. The Coloration window opens.

Notes:

The Coloration window

Notes:



Zoom Tool: zoom in on image

preview

ALT+Click: zoom out



EYEDROPPER TOOL: Color collector

Click on ZOOM Tool switches to EYEDROPPER

Tool and vice versa.

1. Selecting colors

Click on the colors in the image, which you want to have in your color-reduced design (1).

The color currently underneath the mouse cursor will be displayed in the color box to the right of the preview (2).

The selected colors appear in the list of reduced colors (3).

To delete a color from this list, just click on it while holding the CTRL key.

2. Reducing colors

Notes:



Execute the color reduction by clicking on the red CONFIRM button. The picture will now be redrawn with the selected colors. You will see the resulting image in the preview window.



Beware: Once the reduction is executed, the button color changes to **green**, indicating that the color reduction has been applied to the image. The CONFIRM button changes to **red** when you have made changes. You can apply the changes by performing a new reduction.

3. Undoing changes

If you are not satisfied with the reduction, you can return to the original image:



BACK TO ORIGINAL: the original image is displayed in the preview. Now you can start from scratch by selecting your desired colors.

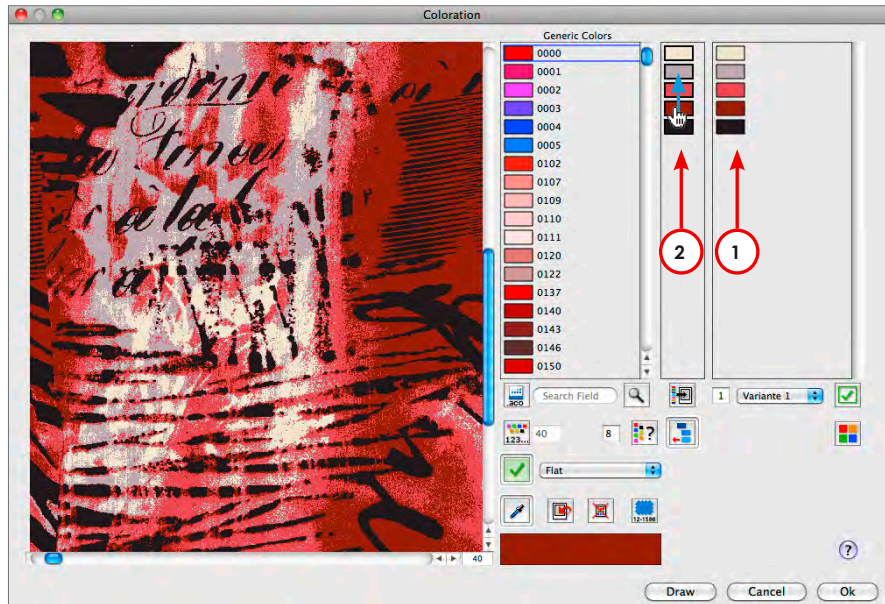


DELETE LIST: removes all colors from the reduced colors list. You can start anew with the color selection.

REMOVE INDIVIDUAL COLORS: click on the color while holding the CTRL key.

4. The reduced image

The colors making up the reduced image are also displayed in the colorway field. The first colorway is comprised of the colors from the first reduction (1).

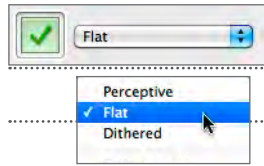


Notes:

5. Combining colors

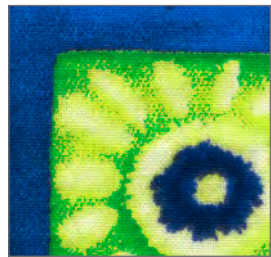
The number of colors within the image can further be reduced by combination of similar colors. Just drag and drop any color in the reduced colors list on top of another color to combine the two (2). The change will be displayed immediately in the image preview.

6. Display method



The reduced design can be displayed several different ways. Choose your desired view from the drop-down menu underneath the CONFIRM button:

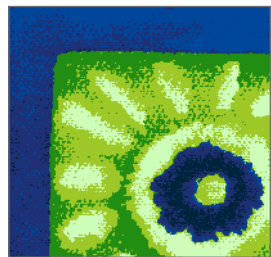
Notes:



Full Colors Perceptive:

A full color mode. Thousands of colors.

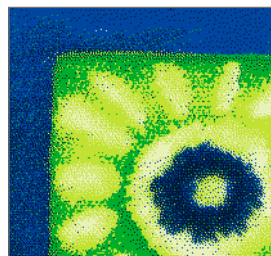
Rendering of the design with the selected colors. Gradients and shading are calculated by the program.



Flat:

A flat color mode. Exact number of colors.

Exact depiction only using the selected colors. The colors are added to the design as is, without inclusion of gradients or shading. Good for flat and graphical prints.



Dithering:

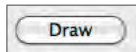
A flat color mode with "spray-paint effect". Exact number of colors.

Also an exact depiction only using the selected colors. Gradients and shading are created through dithering. Good for prints with used and gradient effects.

7. Rendering the reduction to the Photoshop file

Notes:

You can execute the color reduction only and render the result to the Photoshop file, or continue working in the Coloration window to create additional colorways for your design (see point 8. for further instruction).



Click on the DRAW button. The reduced image, as seen in the image preview, is now rendered to the active Photoshop layer.

8. Creating colorways

The second function of the Coloration PlugIn is the creation of colorways.

Please note: The creation of colorways requires a color reduction! The color reduction gives the program the necessary information regarding the color distribution within the image.

Attention: You can start the Coloration PlugIn with a new image to perform a reduction, but you can also start with an already reduced image and begin creating colorways.

8.1. Importing an image again

If your original image is already color-reduced, displayed in either flat color or dithering mode, the Coloration PlugIn can count the colors.



Click on the COUNT COLORS button. The program will determine the colors in the design and display them in the reduced colors list.

8.2. Creating colorways

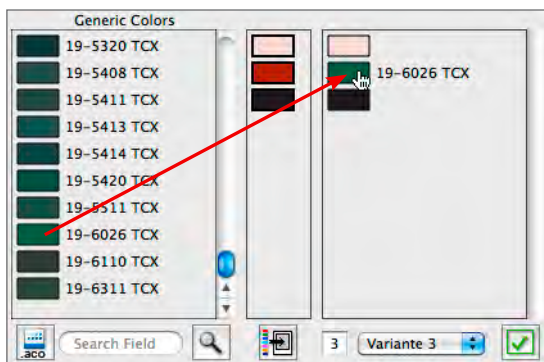
Load your collection colors list. This can be any .aco Photoshop file.



Click on the OPEN COLORLIST button.



Notes:



Drag and drop the colors from the collection color list to the colorway list.

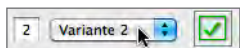
The reduced colors in the image are immediately changed to the newly selected colors.

Beware: The reduced colors list shows "only" the colors to which your design was reduced. You have to always work in the colorway list to exchange these colors!

You can exchange colors by way of drag and drop until you are satisfied with your newly created colorway.

9. Creating additional colorways

You can may create up to 16 colorways in each file.



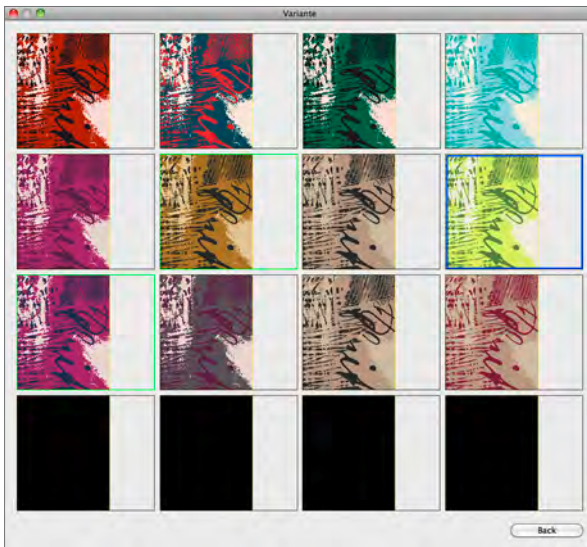
Click on the drop-down menu underneath the colorway list to open the next colorway. You can now start selecting the colors for the new colorway.

10. Colorway overview



Once you have created several colorways, you can compare them by opening the colorway overview.

Click on the COLORWAY OVERVIEW button underneath the colorway selection menu.



The following functions are available within the overview window.

1. Setting the active colorway:

The BLUE FRAME indicates the currently active colorway (also displayed in the image preview of the Coloration window). Click on a different colorway to set it as active.

2. Copying colorways:

You can drag and drop one colorway to another position. This copies the color sequence.

This function is useful in creating further colorways based upon the same color sequence. The colors can be moved or replaced in the main Coloration window.

3. Selecting colorways for rendering:

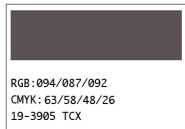
Colorways marked by a GREEN FRAME are selected for rendering to the Photoshop file. You can double-click on a colorway to select/unselect it.

Click the BACK button to close the colorway overview and return to the Coloration window.

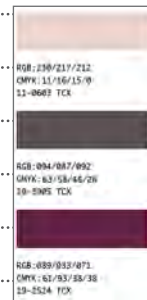
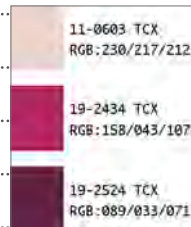
Notes:

11. Color swatches layout

The selected colorways can be output along with the corresponding color swatches. This is done by way of colored stripes along the side, which list and describe the used colors.



You can choose the layout of the colored stripe to suit your needs.



Click on the COLOR SWATCHES button underneath the color list. Choose the layout and position of your colored stripe here.

Select the desired information:

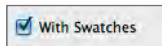


- Color: a color box of the selected collection color

- RGB: RGB value of the color

- CMYK: CMYK value of the color

- Name: name of the color, taken from the color list



Make sure you check the WITH SWATCHES button to display the color swatches alongside your colorways. The colorways will be output without the colored stripe if the checkbox is not selected.

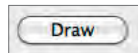
Learn more about the use of the colored stripe in the Coloration manual.

Notes:

12. Rendering colorways to the Photoshop file

Once you are done editing your colorways, you have two options to render them to the Photoshop file:

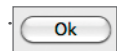
1. Rendering individual colorways



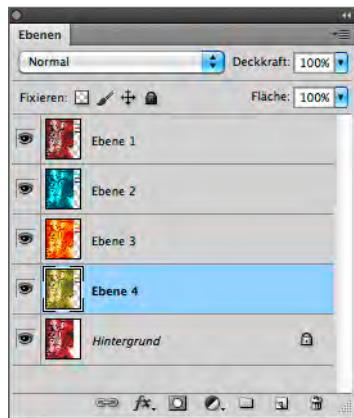
Click on the DRAW button. This renders the currently active colorway, also seen in your image preview, to the Photoshop file.

2. Rendering all selected colorways

This way, the Variator renders all colorways marked by a GREEN FRAME into individual layers within your Photoshop file. The resulting image will have as many new layers as the number of colorways you selected.



Click Ok to close the Coloration window and return to your Photoshop file. No changes have been applied to your image at this point, but your entries from the Coloration window as saved to the preferences.



Choose Menu FILE > AUTOMATE > VARIATOR

The Variator starts and renders your created colorways. The colorways are added layer by layer to the active Photoshop file.

Notes:

Addendum

A1. Saving colorways to separate Photoshop files

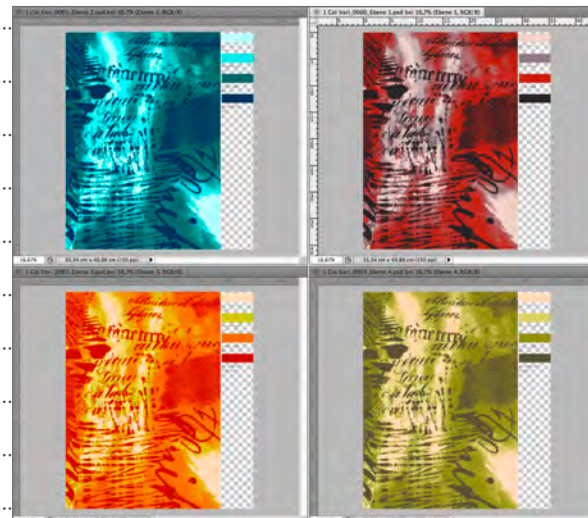
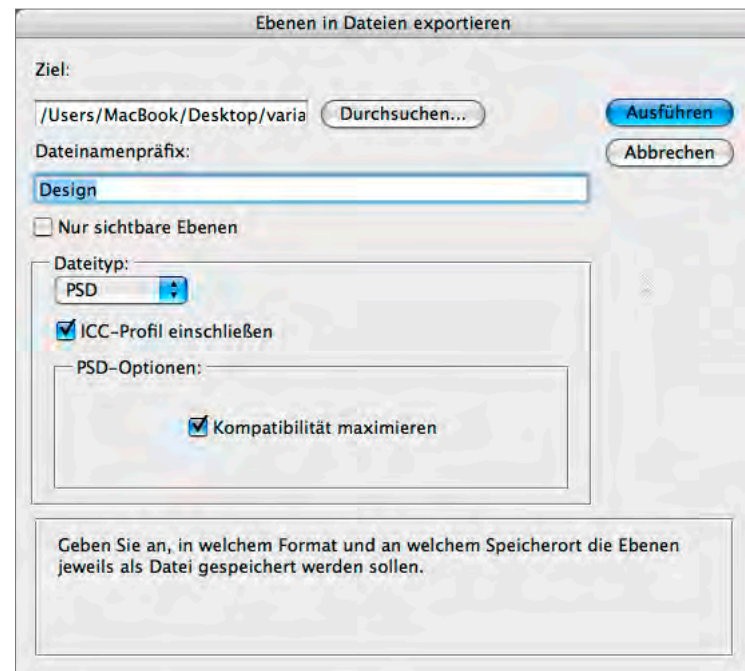
You can also save the colorways rendered into each layer to separate Photoshop files. To do so, use the following command:

Menu FILE > SCRIPTS > EXPORT LAYERS TO FILES

Set the following options in the pop-up window:

File location, file name, file type

Then hit ENTER to execute the automation.



Notes: