

# Color Tools

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**A shareware plug-in for FrameMaker**

**Silicon**  **Prairie Software**

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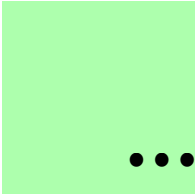
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# Introduction

Color Tools is a FrameMaker plug-in that provides additional capabilities for working with color definitions in FrameMaker documents. Capabilities include listing colors defined in documents and removing unwanted color definitions.

## Requirements

To use the Color Tools plug-in, you must be using FrameMaker version 7.0 or later. The plug-in is available for the following platforms:

- Windows
- Macintosh

## Installation

To install the Color Tools plug-in, perform the steps for the platform you are using.

### Windows

Perform the following steps to install Color Tools for Windows:

- 1 Copy the appropriate version of the ColorTools.dll into the \fminit\PlugIns directory that is located in the directory where FrameMaker is installed.**



*To install the plug-in, you will need to have file system permission to write to the PlugIns directory. For Windows XP and earlier, this means being logged into the system as a member of the Administrator or Power User groups. For operating systems with User Account Control (UAC) such as Windows 7 this means providing Administrator credentials when you copy the DLL file into the directory.*

- 2 Restart FrameMaker.**

## Macintosh

Perform the following steps to install Color Tools for the Macintosh:

- 1 **Copy the appropriate version of the ColorTools file to the Modules folder. This folder is located in the folder where FrameMaker is installed.**
- 2 **Restart FrameMaker.**

## Removal

To remove Color Tools, close FrameMaker if it is running. Remove the files you added when you installed the plug-in, and then restart FrameMaker.

## Backup warning

Color Tools can significantly alter your FrameMaker documents. It is strongly suggested that you make a complete backup of your Frame documents before using Color Tools.

## Shareware notice

Color Tools has been released as shareware. If you find the plug-in useful, please pay the shareware fee. The \$10 cost is minimal, given the capabilities that Color Tools provides. Paying the shareware fee also encourages development of other tools like Color Tools.

## Redistributing Color Tools

Color Tools is shareware. You may redistribute the Color Tools package with the following restrictions:

- You may not alter the software.
- You must distribute the entire package.
- You may not charge a fee for redistributing Color Tools.

## Problem reports and suggestions

If you find any problems with the Color Tools plug-in, or if you have any suggestions for future enhancements, e-mail them to:

**[support@siliconprairiesoftware.com](mailto:support@siliconprairiesoftware.com)**

# Chapter 1

## List Colors Defined



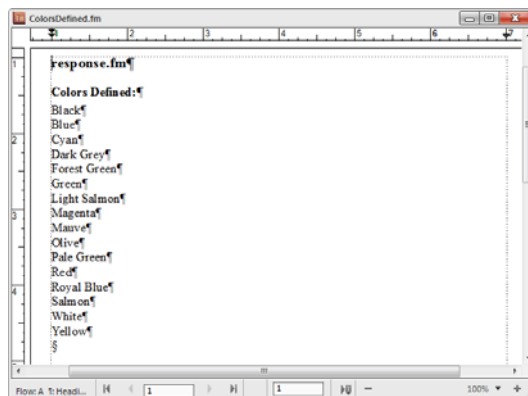
Each FrameMaker document can have several colors defined for it. Some of these are built-in colors. Others are user-defined colors. In addition, color definitions can be added when graphics are imported into a document. Typically, this occurs when 8-bit PNG (Portable Network Graphic) files are imported into documents. In version 9 and later, color definitions are also automatically added when multiple conditions are applied to text or graphics in a document.

The List Colors Defined routine produces a FrameMaker document that lists all of the color definitions in a document or book. To use the routine, complete the following procedure:

- 1 Open a document or book.
- 2 Start the routine.

In the Tools menu, point to Colors and then choose List Colors Defined. A report will be produced that lists the colors defined in the document or book.

A sample colors report is shown in the following illustration:







## Chapter 2

# Removing Colors

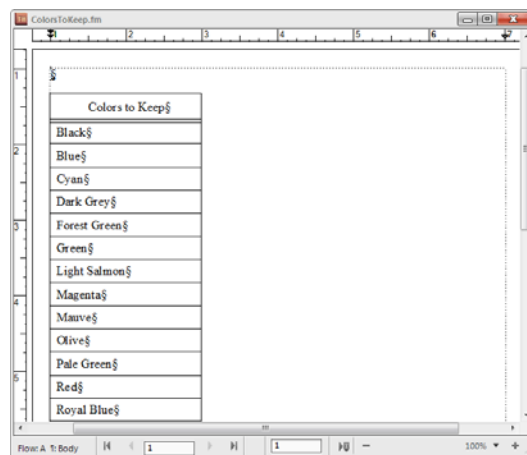


When working with FrameMaker documents, it is possible to get numerous color definitions added to a document. This is especially true when 8-bit PNG (Portable Network Format) graphics are used with older versions of FrameMaker. You may want to clean out these extra color definitions. This chapter is divided into the following sections:

- Create Color List
- Remove Non-list Colors

### Create Color List

In some of your FrameMaker documents, colors may not be used, but you would like them to remain available. Color Tools allows you to create a list of color definitions that you want to keep. Any color definitions that don't appear in the list of colors to keep will be removed from the active document or book. A list of colors to keep is shown in the following illustration:



The Create Color List routine provides an easy way to create the list of colors you want to keep. It can create an empty list, or create a list that contains all colors defined in the current document or book.

To use the routine, complete the following procedure:

**1 Open a document or book.**

**2 Start the routine.**

In the Tools menu, point to Colors and then choose Create Color List.

**3 Select the type of list to produce.**

A dialog will be displayed, prompting you for the type of list to create. You can produce an empty list or a list that contains all colors in the active document or book.

**4 Edit the color list.**

After you have generated the color list, remove those colors that you don't want to have appear in your FrameMaker documents.



*Be aware that you cannot delete the built-in colors. You also cannot delete any colors that FrameMaker added as part of the conditional text feature in FrameMaker 9 and later.*

**5 Save the color list (optional).**

Typically, you will create one color list that contains all of the colors you use for a set of FrameMaker templates. Save this color list with an appropriate name so you can easily associate it with a set of templates. You will use the color list when you use the Remove Non-list Colors routine.

## Remove Non-list Colors

The Remove Non-List Colors routine examines a color list, and then looks at the current document or book to remove all of the colors that don't appear in the list. Before you use this routine, be sure you've created a color list that indicates which colors you want to keep.

To use the routine, complete the following procedure:

**1 Open a color list document.**

This is a document you created with the Create Color List routine, and lists all of the colors you want to keep.



*Be aware that you cannot delete the built-in colors. You also cannot delete any colors that FrameMaker added as part of the conditional text feature in FrameMaker 9 and later.*

**2 Open a document or book.**

The document or book should be active. The color list must remain open in the background.

**3 Start the routine.**

In the Tools menu, point to Colors and then choose Remove Non-list Colors.

**4 Verify that you want to continue.**

A dialog will be displayed, asking you to verify that you want to keep only the colors listed. If you're certain you want to continue, click OK. Any colors that don't appear on the list will be removed from the current file, or from all files in the current book.





# Appendix A

## Command Reference

If you want to create keyboard shortcuts for commands in Color Tools, this appendix contains a list of the names for each command.

### Command reference

The following commands are defined in Color Tools for the document-level operations:

Command	Description
ListColorUsage	Lists the colors defined in the current document.
CreateColorList	Creates a color list, based on the current document.
RemoveNonlistColors	Removes colors from the current document that aren't found in a color list.

The following commands are defined in Color Tools for the book-level operations:

Command	Description
ListColorUsageBook	Lists the colors defined in the current book.
CreateColorListBook	Creates a color list, based on documents in the current book.
RemoveNonlistColorsBook	Removes colors from each file in the current book that aren't found in a color list.

The following miscellaneous command is defined in Paragraph Tools:

<b>Command</b>	<b>Description</b>
ColorToolsAbout	Displays the About dialog

## Modifying a shortcut

You can use a FrameMaker customization file to add or modify a shortcut for any of the commands in Color Tools. For example, the following lines from the “Customui.cfg” file specify that the F1 key will list the colors defined for the current document. Notice the command value came from the tables in the previous section.

```
<Command ListColorUsage  
    <Label ColorUsage>  
    <KeySequence /F1>  
    <Definition \x1000>>
```

Refer to the Customizing FrameMaker online manual for more information about creating and using a customization file to add or change FrameMaker shortcuts.







# Appendix C

## Scripting Support



Color Tools can be controlled with standard FrameMaker scripting tools, including the Frame Developer's Kit (FDK) and FrameScript.

### Scriptable commands

The following commands can be accessed through scripting for both FrameScript and the FDK:

Command	Description
ColorToolsAbout	Displays the About dialog.
ListColorUsage	Creates a document that lists colors defined for the current document.
ListColorUsageBook	Creates a document that lists colors defined for the current book.
CreateColorList	Creates a color list based on the current document.
CreateColorListBook	Creates a color list based on the documents in the current book.
RemoveNonlistColors	Removes the colors from the current document that are not in the color list.
RemoveNonlistColorsBook	Removes the colors from the documents in the current book that are not in the color list.
SetDocId	Specifies the ID of the document to be acted on.
SetBookId	Specifies the ID of the book to be acted on.

## Client name

For scripting commands to work properly, you must specify the name of the plug-in you want to access. The name depends on the platform on which you are using FrameMaker.

### Windows

For Windows, the Color Tools plug-in is named “Color Tools”. This is the client name that was given to the plug-in when it was created.

### Macintosh

For the Macintosh, the Color Tools plug-in is named “ColorTools”. This is the filename of the plug-in that is installed in the Modules folder of the FrameMaker installation. If you change the name of the plug-in file, you must use the new name you have chosen.

## Scripting examples

The following examples show how to call commands in Color Tools from FrameScript and the FDK.

### FrameScript

To control Color Tools with FrameScript, you will use the CALLCLIENT command. Be sure that you use the appropriate client name for the platform on which you are using FrameMaker.

The following example shows how to use the CALLCLIENT command on Windows to list color usage for the current document.

```
CALLCLIENT FrameClient('Color Tools')  
Message('ListColorUsage') ReturnVal(retVar);
```

The following example shows how to use the CALLCLIENT command on the Macintosh to list color usage for the current book.

```
CALLCLIENT FrameClient('ColorTools')  
Message('ListColorUsageBook') ReturnVal(retVar);
```



*Refer to the FrameScript documentation for more information about the CALLCLIENT command.*



## Script example

The following code for the FDK uses the **SetDocId** command to specify the document that will be affected by the next script command that is run. Notice that a document Id is converted to a string representation and included in the command.

```
StringT s = NULL;

docId = { The Id of the document to be affected }

s = F_StrCopyString("SetDocId ");
s = F_Realloc(s, F_StrLen(s)+(IntT)10, NO_DSE);
F_StrCatIntN(s, docId, (IntT)10+F_StrLen(s));
F_ApiCallClient("Color Tools", s);
F_ApiCallClient("Color Tools", "RemoveNonlistColors");
```



## Registration methods

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### Online

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### Direct purchase

If you don't want to purchase online, you can contact Silicon Prairie Software directly to arrange payment. Contact us via e-mail at [support@siliconprairiesoftware.com](mailto:support@siliconprairiesoftware.com).

## Registration code

When you register the software, you will receive your registration code through e-mail. **Save this e-mail! You will need it if you need to reinstall the software.** If you printed this documentation, write the registration code here:

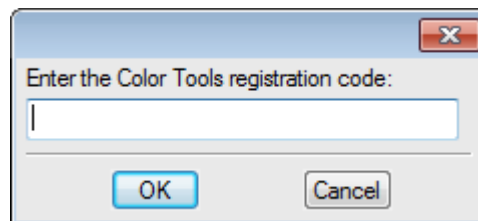
Registration Code: \_\_\_\_\_



To apply the code, choose the Register menu option via the Tools menu.

*To properly save the registration code, you must have privileges to write to the directories used for the FrameMaker installation. For Windows XP and earlier, this means being logged into the system as a member of the Administrator or Power User groups. For Windows Vista with User Account Control (UAC) this means running FrameMaker with Administrator credentials. You need to do this only for the session in which you register the plug-in.*

Enter the registration code you received in the dialog that's displayed.





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