

# trueConvert

trueConvert converts stacks that use trueColor to stacks that are colorized using Apple's Color Tools.

I wrote this stack to ease an eventual transition to HyperCard 3.

trueConvert requires HyperCard (Player) 2.2 or later, and the stack "trueColor".

If you have HyperCard 2.1, you can use it for creating your stacks in trueColor, and then convert them using HyperCard Player 2.2 or later (available free from Apple on the internet).

## Important Note

Note that "trueConvert" will place a copy of Apple's AddColor XCMD, version 2.2, into the converted stack. This means that you may distribute the converted stack only if you are a registered user of HyperCard 2.2.

If you own a full version of HyperCard 2.3 or newer you can upgrade the converted stack by opening it and choosing "Open Coloring Tools" from the "Color" menu. This will place the newer version of Apple's AddColor XCMD (and a PowerPC native version of it) into the stack.

The following paragraph is from Apple's Color Tools Stack, version 2.2:

Registered users of HyperCard v2.2 may freely distribute the AddColor XCMD for personal and commercial purposes. Any product or stack containing these resources must display the following copyright notice:  
"AddColor XCMD ©1993 Apple Computer, Inc. All Rights Reserved."

## How to use it

The converter lets you choose a stack, creates a copy and converts the copy. It goes from card to card during conversion so that you can see the results immediately.  
(you can stop the conversion by pressing the mouse down.)

You can specify the number of colors for the color buffer that will be created each time the converted stack is opened: use the "image quality" of trueColor's pasting options (ctrl-o). If you choose "don't change", the number of colors of the current card screen (at conversion time) will be taken.

If the conversion stops with the message "Error: AddColor incorrectly installed." or if it just stops and beeps, the problem is probably lack of memory.

The converted stacks can be viewed in HyperCard 2.1 or later.

The conversion is not perfect:

- showing and hiding in color will not work
- pictures and icons will not be clipped at the rectangle of the button or the field

# Scripting

trueConvert s

s is the name of the stack to convert.  
trueColor's global variable truePasteColor is used for  
the bit depth in "AddColor install, depth" at openStack.

trueConvert copies several resources, including the AddColor XCMD  
and inserts some scripts at the stack level, namely the ones required  
for the Color Tools and also handlers which translate trueShow and  
trueHide into show and hide.

Color fillings for buttons and fields are created by the "addButton"  
and "addField" options of the AddColor XCMD, except for transparent  
parts which are colorized by "addRect" (else they would show in  
lighter colors).

Pictures and icons are added by "addPict".