



# Tech Info Library

## Macintosh SE: Color QuickDraw Print Restrictions

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TOPIC -----

I created a PowerPoint document with a number of colors defined. The document printed without problems to a 35mm slidemaker from their Macintosh II, but when I printed the document from a Macintosh SE, I could print only eight colors.

- 1) Can you receive the same color printout results from a Macintosh SE or any Macintosh?
- 2) Are there restrictions when printing color from a Macintosh SE?

DISCUSSION -----

- 1) Macintosh Plus, Macintosh SE, and prior models support only the eight colors that are available in the original QuickDraw. All Macintosh II computers and the Macintosh SE/30 support Color QuickDraw, which provides 256 colors. Therefore, using original QuickDraw (Macintosh Plus, Macintosh SE, and earlier) provides eight colors; while using Color QuickDraw (Macintosh II family and Macintosh SE/30) provides 256 colors. However, please note the third-party issues below.
- 2) There is a limit of eight colors as supported by the ROMs in the Macintosh SE. However, please note the third-party issues below.

Some third parties have devised methods to work around the limits imposed by the Macintosh ROMs. Some third-party film recorders (slidemakers) do not work with the Macintosh SE/30 under Color QuickDraw, but work on the Macintosh SE/30 by assigning colors to be equal to certain black and white patterns. (This also may be supported on the Macintosh SE and Macintosh Plus.)

Other third-party products can print Macintosh II 8-bit color images from a Macintosh SE/30 without any changes. Without knowing which 35mm film recorder is in use, we cannot tell you the limits the product imposes on the Macintosh. To understand these limits, check the film recorder documentation.

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