
The 'kcs#', 'kcs4', and 'kcs8' Resources

With System 7.0, a keyboard color icon family is available to specify the small icon that corresponds to each 'KCHR' resource. This color icon family replaces the 'SICN' resource associated with each 'KCHR' resource. See the **User Interface Guidelines** for details on color icon families.

Note: If the 4-bit and 8-bit icons in your application are the same (resources 'kcs4' and 'kcs8'), then you only need to provide a 4-bit icon.

Some differences exist between the color icon family for keyboards and the color icon families used elsewhere in the Macintosh Operating System. First, only small icons (16-by-16 pixels) are supplied; there are no large keyboard icons (32-by-32 pixels). Second, the resource type for keyboard small color icons is different from the resource type used elsewhere for small color icons. This is to avoid resource ID conflicts because the keyboard color icons-like the 'KCHR' resources-may have IDs anywhere in the range 0x0-0xBFFF (that is, 0 to 32767 and -32768 to -16385). The keyboard color icon types and the equivalent standard color icon types are shown in the Table below.

Keyboard color icon types and standard icon equivalents

Keyboard icon type	Standard icon equivalent	Bit depth
'kcs#'	'ics#'	1
'kcs4'	'ics4'	4
'kcs8'	'ics8'	8

These keyboard icons are used in the Keyboard control panel and in the Keyboard menu when it is displayed on some localized versions of the system software. For details on the Keyboard menu, see the section entitled **Using the Keyboard Menu**. The resource ID for each 'kcs#', 'kcs4', or 'kcs8' resource is the same as that of the 'KCHR' resource to which it corresponds.