

Customizing UIColor

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The default list of color settings in `UIColor` is fairly limited: black, darkGray, lightGray, white, gray, red, green, blue, cyan, yellow, magenta, orange, purple, brown, and clear are the choices.

Other than limited choice, a problem with the default palette is that there's no control over how each specific color is defined (e.g., the green might be too light or too dark for a given application, etc.).

Following [this suggestion](#) (thanks [ooo27](#)), here's how to set `UIColor` to any [html hex color code](#).

Create a macro within the class implementation (.m) file:

```
#define HEXCOLOR(c) [UIColor colorWithRed:((c>>24)&0xFF)/255.0 \  
                                green:((c>>16)&0xFF)/255.0 \  
                                blue:((c>>8)&0xFF)/255.0 \  
                                alpha:(c)&0xFF/255.0];
```

And then use it when initializing any `UIColor` class.

For example, try:

```
UIColor* c = HEXCOLOR(0x006600ff);
```

instead of:

```
UIColor* c = [UIColor greenColor];
```

Archived from the original at <http://denis.papathanasiou.org/>

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