

# Converting Colors

Hex(FFC804)

Have a look what the booklet for  
Hex(FFC804) contains.

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# **Color**

**Hex(FFC804)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC804
RGB	255, 200, 4
RGB Percent	100%, 78%, 2%
CMY	0.0000, 0.2157, 0.9843
CMYK	0.00, 0.22, 0.98, 0.00
HSL	47°, 100%, 51%
HSV	47°, 98%, 100%
XYZ	61.9162, 62.5773, 8.9302
YIQ	194.1010, 95.6960, -49.2960

# Conversions

## Conversions Part 2

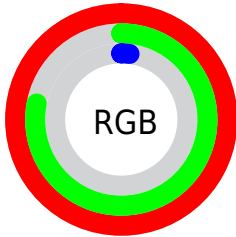
Format	Color
<a href="#">RYB</a>	<a href="#">74, 255, 4</a>
Decimal	<a href="#">16762884</a>
CIELab	<a href="#">83.22, 5.77, 84.17</a>
CIElCh	<a href="#">83, 84.370, 86.081</a>
Yxy	<a href="#">62.5773, 0.4641, 0.4690</a>
Android (android.graphics.Color)	<a href="#">4294952964 (0xFFffc804)</a>
YUV	<a href="#">194.1010, -93.7198, 53.4084</a>
Hunter-Lab	<a href="#">79.1058, 1.2769, 48.6809</a>

# Details

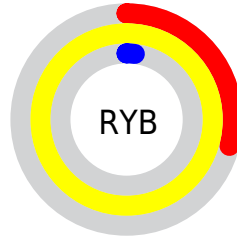
The Hex color **FFC804** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **043BFF**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFFF57**, and **C19300** is the 20% darker color. If you saturate the color by 10%, you get **FFC700**, and if you desaturate by 10%, it is **FFCE1D**.

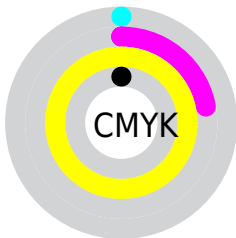
# Distribution



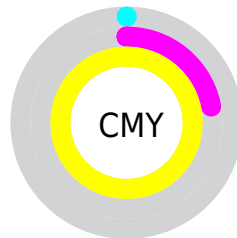
- Red (100%)
- Green (78%)
- Blue (2%)



- Red (29%)
- Yellow (100%)
- Blue (2%)



- Cyan (0%)
- Magenta (22%)
- Yellow (98%)
- Black (0%)



- Cyan (0%)
- Magenta (22%)
- Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFC804 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color FFC804 by changing the saturation by 10% instead.



 FFC804

 FFC804

FFFFFF

 E0AD00

 FFFF57

 C19300

 FFFF75

 A37900

 FFFF92

 856100

 FFFFAF

 684900

 FFFFCC

 4C3300

 FFFFEA

 321E00

 1A0700

 000000

 FFC804

 FFC804

 FFC700

 FFCE1D

 FFD337

 FFD951

 FFDE6A

 FFE484

 FFEA9D

 FFEFB6

 FFF5D0

 FFFAEA

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFA849



FFC804



B2DF29

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



FFC804



00F4FF



FF9AFF

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



FFC804



043BFF

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



BABFFF



FFC804



00EDFF

# Square

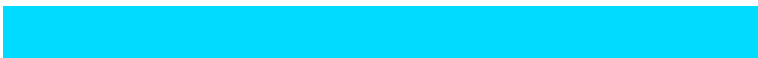
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FFC804



00F4C2



00DCFF



FF80DD

# Rectangle

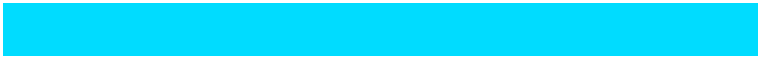
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFC804



6FE958



00DCFF



FFA6FF

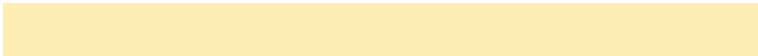


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



FFC804



FFEEB3



FF043F



807552



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



FFC804



FFC700



BCFF04



807D73



BF9500



403200



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



043BFF



0038FF



4704FF



737680



002ABF



000E40



# Previews

## White Background



This preview shows how the Hex color FFC804 looks on a white background.

## Color Contrast Check

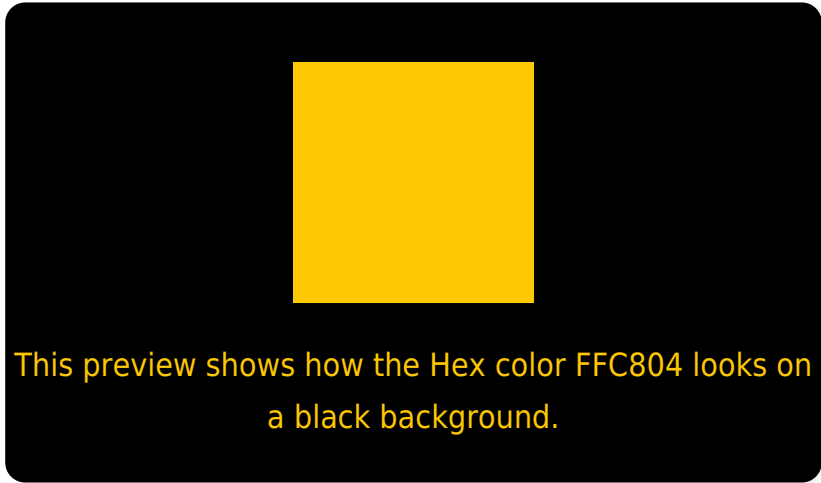
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex FFC804 Background



This preview shows how black text looks on a background with the Hex color FFC804.



This preview shows how white text looks on a background with the Hex color FFC804.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



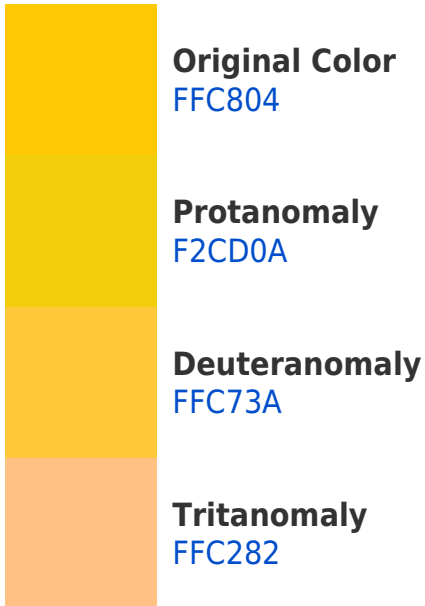
**Original Color**  
FFC804

**Protanopia**  
EAD00D

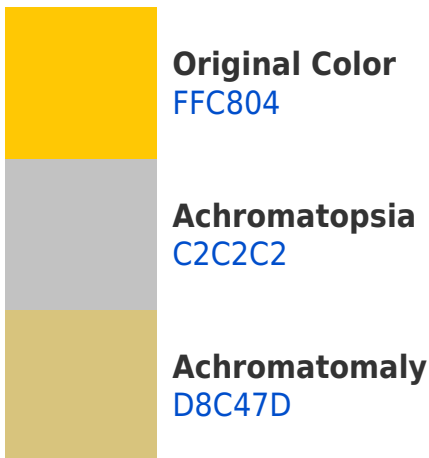
**Deuteranopia**  
FFC659



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFC804 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #FFC804 looks like.

```
.text, #text, p{  
    color:#FFC804  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #FFC804 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFC804
}
```

## Border

The CSS property to change the border of an element to Hex FFC804 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FFC804 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#FFC804 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #FFC804 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFC804; -webkit-box-shadow:4px 4px  
4px 4px #FFC804; box-shadow:4px 4px 4px  
4px #FFC804 }
```

# Background

The CSS property to change the background color of an element to Hex FFC804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFC804 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#FFC804 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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