

# Converting Colors

Hex(F3C800)

Have a look what the booklet for  
Hex(F3C800) contains.

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**Color**

**Hex(F3C800)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3C800
RGB	243, 200, 0
RGB Percent	95%, 78%, 0%
CMY	0.0471, 0.2157, 1.0000
CMYK	0.00, 0.18, 1.00, 0.05
HSL	49°, 100%, 48%
HSV	49°, 100%, 95%
XYZ	57.6164, 60.3632, 8.6146
YIQ	190.0570, 89.8280, -53.0840

# Conversions

## Conversions Part 2

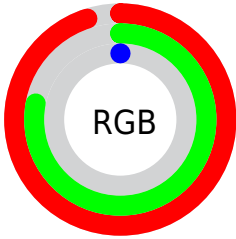
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	52, 243, 0
Decimal	15976448
CIE Lab	82.04, 0.60, 83.17
CIE LCh	82, 83.169, 89.590
Yxy	60.3632, 0.4551, 0.4768
Android (android.graphics.Color)	4294166528 (0xFFFF3C800)
YUV	190.0570, -93.6981, 46.4310
Hunter-Lab	77.6938, -3.5915, 47.8117

# Details

The Hex color **F3C800** 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 **002BF3**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **FFFF55**, and **B69300** is the 20% darker color. If you saturate the color by 10%, you get **F3C800**, and if you desaturate by 10%, it is **F3CC18**.

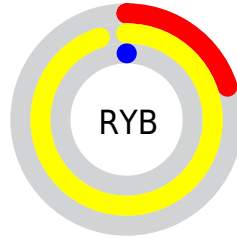
# Distribution



Red (95%)

Green (78%)

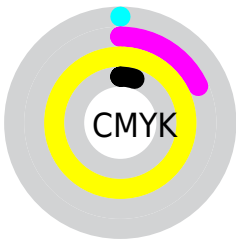
Blue (0%)



Red (20%)

Yellow (95%)

Blue (0%)

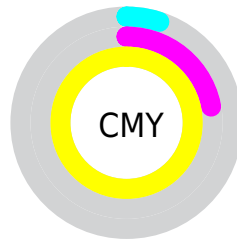


Cyan (0%)

Magenta (18%)

Yellow (100%)

Black (5%)



Cyan (5%)

Magenta (22%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F3C800 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 F3C800 by changing the saturation by 10% instead.



 F3C800

 F3C800

FFFFFF

 D4AD00

 FFFF55

 B69300

 FFFF73

 987900

 FFFF90

 7A6100

 FFFFAD

 5E4900

 FFFFCB

 433300

 FFFFEB

 291E00

 0D0700

 000000

 F3C800

 F3CC18

 F3D131

 F3D549

 F3D961

 F3DD79

 F3E292

 F3E6AA

 F3EAC2

 F3EFDB

# Harmonies

## Analogous

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



FFA940



F3C800



A6DE31

# Triad

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



F3C800



00F0FF



FF94FF

# Complementary

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



F3C800



002BF3

# 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.



C7B8FF



F3C800



00E8FF

# Square

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



F3C800



00F0C8



00D6FF



FF7ED0

# Rectangle

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



F3C800



5EE760



00D6FF



FFA0FF

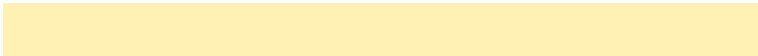


# Sweetspot

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



F3C800



FFF1B3



F3002D



807752



000000



808080



# Same Dimension

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



F3C800



FFD200



A6F300



7A786E



BA9900



3B3000



# Inverse Universe

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



002BF3



002DFF



4D00F3



6E707A



0021BA



000A3B



# Previews

## White Background



This preview shows how the Hex color F3C800 looks on a white background.

## Color Contrast Check

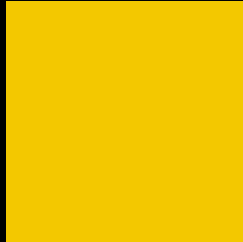
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color F3C800 looks on a 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 F3C800 Background



This preview shows how black text looks on a background with the Hex color F3C800.

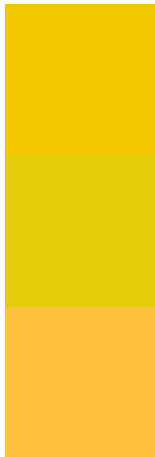


This preview shows how white text looks on a background with the Hex color F3C800.

# 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



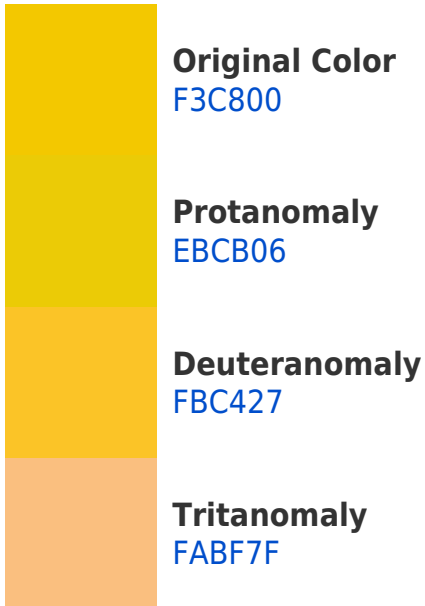
**Original Color**  
F3C800

**Protanopia**  
E6CD09

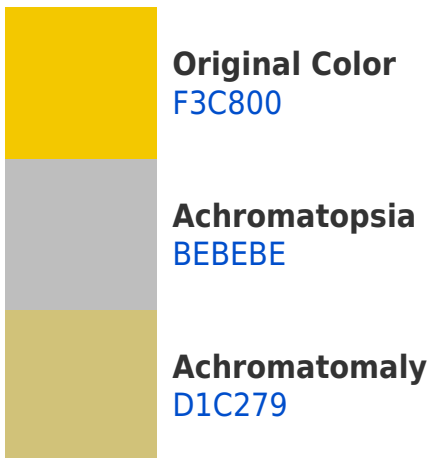
**Deuteranopia**  
FFC23D



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F3C800 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 #F3C800 looks like.

```
.text, #text, p{  
    color:#F3C800  
}
```

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 #F3C800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F3C800
}
```

## Border

The CSS property to change the border of an element to Hex F3C800 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
#F3C800 }
```

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

```
.border{ border-color:#F3C800 }
```

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

Here you see how a box with a 4 pixel #F3C800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F3C800; -webkit-box-shadow:4px 4px  
4px 4px #F3C800; box-shadow:4px 4px 4px  
4px #F3C800 }
```

# Background

The CSS property to change the background color of an element to Hex F3C800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F3C800 }
```

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

```
.background{ background-color:#F3C800 }
```

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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