

# Converting Colors

Hex(FFC10B)

Have a look what the booklet for  
Hex(FFC10B) contains.

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**Color**

**Hex(FFC10B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC10B
RGB	255, 193, 11
RGB Percent	100%, 76%, 4%
CMY	0.0000, 0.2431, 0.9569
CMYK	0.00, 0.24, 0.96, 0.00
HSL	45°, 100%, 52%
HSV	45°, 96%, 100%
XYZ	60.3704, 59.4241, 8.6047
YIQ	190.7900, 95.3740, -43.4580

# Conversions

## Conversions Part 2

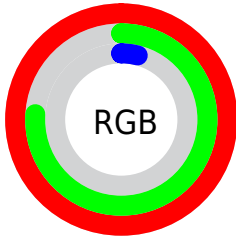
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 255, 11
Decimal	16761099
CIE <sub>Lab</sub>	81.52, 9.44, 82.32
CIE <sub>LCh</sub>	82, 82.857, 83.461
Yxy	59.4241, 0.4702, 0.4628
Android (android.graphics.Color)	4294951179 (0xFFFFC10B)
YUV	190.7900, -88.6365, 56.3122
Hunter-Lab	77.0870, 4.8892, 47.3427

# Details

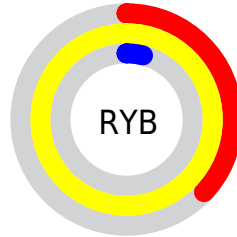
The Hex color **FFC10B** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **0B49FF**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFF958**, and **C18C00** is the 20% darker color. If you saturate the color by 10%, you get **FFBE00**, and if you desaturate by 10%, it is **FFC724**.

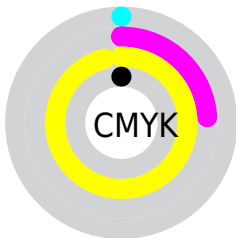
# Distribution



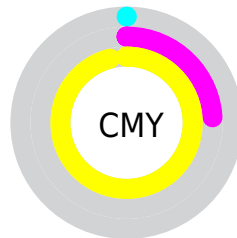
- Red (100%)
- Green (76%)
- Blue (4%)



- Red (37%)
- Yellow (100%)
- Blue (4%)



- Cyan (0%)
- Magenta (24%)
- Yellow (96%)
- Black (0%)



- Cyan (0%)
- Magenta (24%)
- Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFC10B 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 FFC10B by changing the saturation by 10% instead.



 FFC10B

 FFC10B

FFFFFF

 E0A600

 FFF958

 C18C00

 FFFF75

 A27300

 FFFF92

 855A00


 FFFFAF

 674300

 FFFFCC

 4C2D00

 FFFFEE

 311900

 1A0000

 000000

 FFC10B

 FFC10B

 FFBE00

 FFC724

 FFCE3E

 FFD458

 FFDB71

 FFE18B

 FFE8A4

 FFEEBE

 FFF5D7

 FFFBF1

# Harmonies

## Analogous

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



FFA14D



FFC10B



B6D922

# Triad

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



FFC10B



00EFFF



FF9AFF

# Complementary

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



FFC10B



0B49FF

# 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.



A9BDFE



FFC10B



00E9FF

# Square

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



FFC10B



00EEB6



00D9FF



FF7FDF

# Rectangle

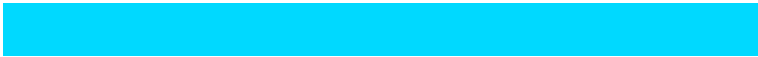
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFC10B



77E350



00D9FF



FAA6FF



# Sweetspot

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



FFC10B



FFECB5



FF0B4C



807453



000000



808080



# Same Dimension

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



FFC10B



FFBE00



C6FF0B



807C73



BF8F00



403000



# Inverse Universe

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



0B49FF



0041FF



440BFF



737680



0031BF



001040



# Previews

## White Background



This preview shows how the Hex color FFC10B looks on a white background.

## Color Contrast Check

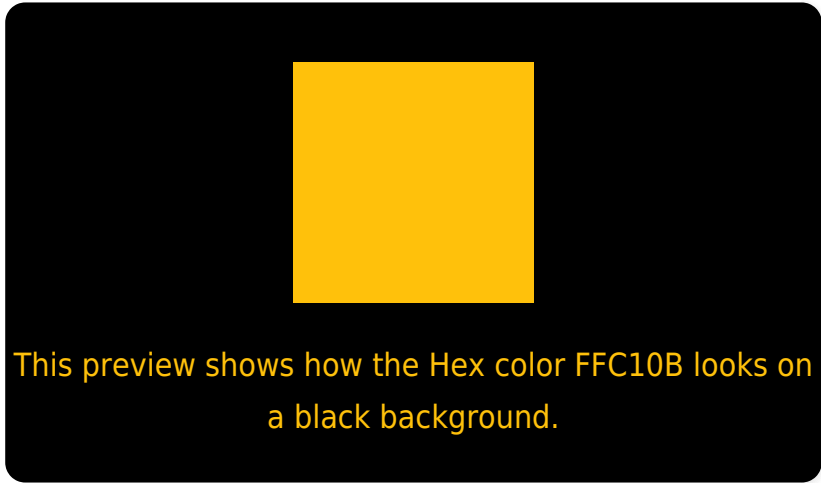
Large Text (above 18pt) WCAG AA × Fail

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 FFC10B Background



This preview shows how black text looks on a background with the Hex color FFC10B.

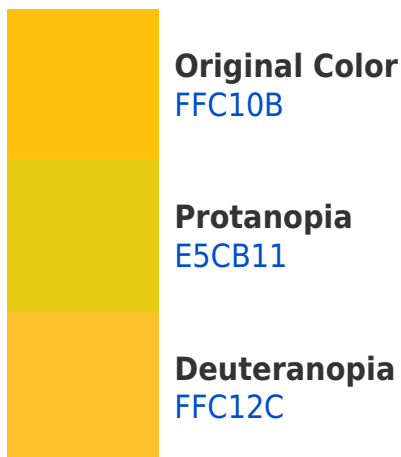


This preview shows how white text looks on a background with the Hex color FFC10B.

# 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](#).

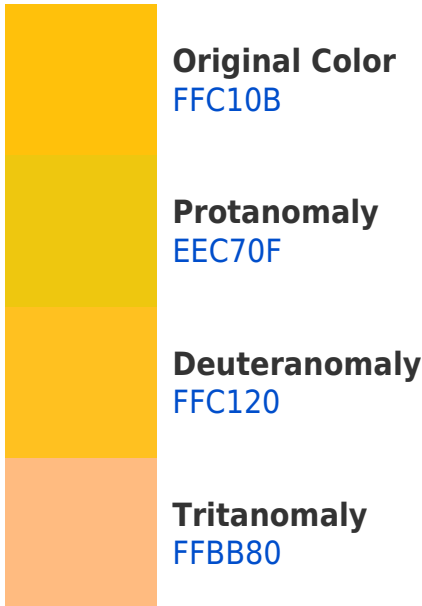
## Dichromacy





**Tritanopia**  
FFB8C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFC10B 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 #FFC10B looks like.

```
.text, #text, p{  
    color:#FFC10B  
}
```

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 #FFC10B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFC10B
}
```

## Border

The CSS property to change the border of an element to Hex FFC10B 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
#FFC10B }
```

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

```
.border{ border-color:#FFC10B }
```

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

Here you see how a box with a 4 pixel #FFC10B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFC10B; -webkit-box-shadow:4px 4px  
4px 4px #FFC10B; box-shadow:4px 4px 4px  
4px #FFC10B }
```

# Background

The CSS property to change the background color of an element to Hex FFC10B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFC10B }
```

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

```
.background{ background-color:#FFC10B }
```

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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