

# Converting Colors

Hex(FFC33C)

Have a look what the booklet for  
Hex(FFC33C) contains.

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# **Color**

**Hex(FFC33C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC33C
RGB	255, 195, 60
RGB Percent	100%, 76%, 24%
CMY	0.0000, 0.2353, 0.7647
CMYK	0.00, 0.24, 0.76, 0.00
HSL	42°, 100%, 62%
HSV	42°, 76%, 100%
XYZ	61.5707, 60.6165, 12.7300
YIQ	197.5500, 79.0950, -29.2650

# Conversions

## Conversions Part 2

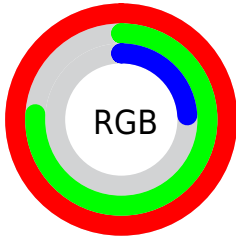
<b>Format</b>	<b>Color</b>
<b>RYB</b>	147, 255, 60
Decimal	16761660
CIELab	82.17, 9.47, 71.47
CIELCh	82, 72.092, 82.449
Yxy	60.6165, 0.4564, 0.4493
Android (android.graphics.Color)	4294951740 (0xFFFFC33C)
YUV	197.5500, -67.8121, 50.3837
Hunter-Lab	77.8566, 4.9128, 44.8054

# Details

The Hex color **FFC33C** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **3C78FF**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FFFB75**, and **C28E00** is the 20% darker color. If you saturate the color by 10%, you get **FFBB22**, and if you desaturate by 10%, it is **FFCB56**.

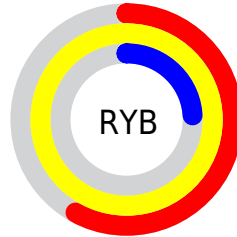
# Distribution



Red (100%)

Green (76%)

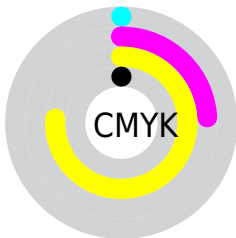
Blue (24%)



Red (58%)

Yellow (100%)

Blue (24%)

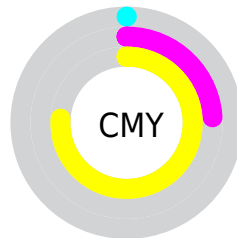


Cyan (0%)

Magenta (24%)

Yellow (76%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFC33C 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 FFC33C by changing the saturation by 10% instead.



 FFC33C

 FFC33C

FFFFFF

 E0A81B

 FFFB75

 C28E00

 FFFF90

 A47400

 FFFFAD

 865C00

 FFFFC9

 694500

 FFFFEE7

 4D2F00

 331A00

 1B0000

 000000

 FFC33C

 FFC33C

 FFBB22

 FFCE56

 FFBB309

 FFD36F

 FFBB100

 FFDB89

 FFE2A2

 FFEABC

 FFF2D5

 FFFAEF

FFFFFF

# Harmonies

## Analogous

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



FFA962



FFC33C



BFD844

# Triad

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



FFC33C



00EDFE



FFA5FF

# Complementary

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



FFC33C



3C78FF

# 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.



B0C2FF



FFC33C



00E7FF

# Square

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



FFC33C



00ECB8



00D9FF



FF90E0

# Rectangle

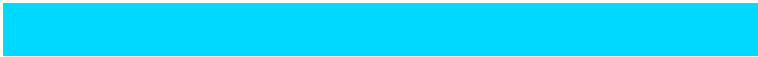
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFC33C



8BE263



00D9FF



F5AEFF



# Sweetspot

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



FFC33C



FFEDC4



FF3C7A



80755C



000000



808080



# Same Dimension

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



FFC33C



FFB714



DBFF3C



807C73



BF8400



402C00



# Inverse Universe

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



3C78FF



145DFF



603CFF



737780



003BBF



001440



# Previews

## White Background



This preview shows how the Hex color FFC33C looks on a white background.

## Color Contrast Check

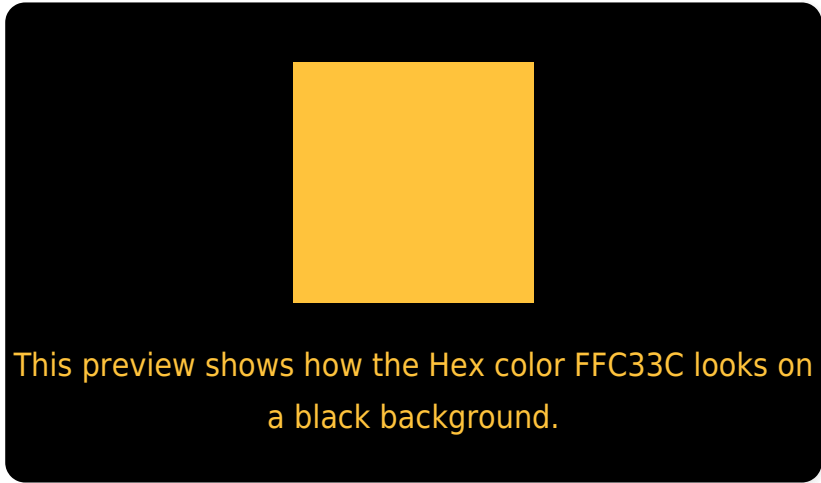
Large Text (above 18pt) WCAG AA × Fail

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 FFC33C Background



This preview shows how black text looks on a background with the Hex color FFC33C.



This preview shows how white text looks on a background with the Hex color FFC33C.

# 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



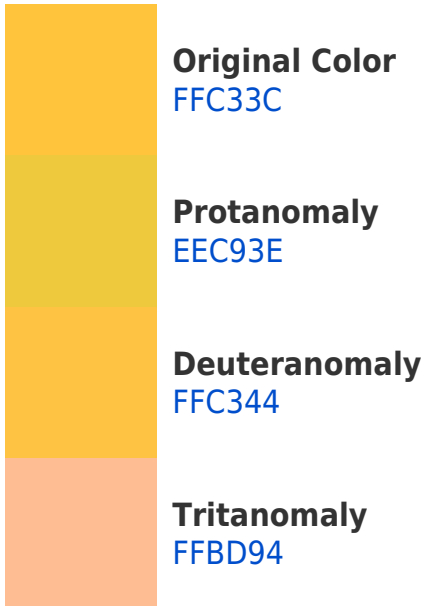
**Original Color**  
FFC33C

**Protanopia**  
E5CD3F

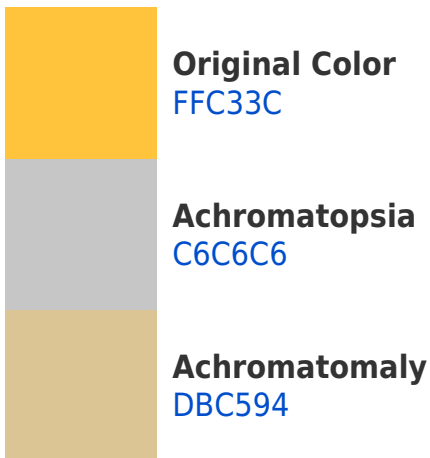
**Deuteranopia**  
FFC348



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFC33C 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 #FFC33C looks like.

```
.text, #text, p{  
    color:#FFC33C  
}
```

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 #FFC33C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFC33C
}
```

## Border

The CSS property to change the border of an element to Hex FFC33C 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
#FFC33C }
```

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

```
.border{ border-color:#FFC33C }
```

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

Here you see how a box with a 4 pixel #FFC33C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFC33C; -webkit-box-shadow:4px 4px  
4px 4px #FFC33C; box-shadow:4px 4px 4px  
4px #FFC33C }
```

# Background

The CSS property to change the background color of an element to Hex FFC33C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFC33C }
```

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

```
.background{ background-color:#FFC33C }
```

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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