

Converting Colors

Hex(FFCF3B)

Have a look what the booklet for
Hex(FFCF3B) contains.

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Color

Hex(FFCF3B)

Conversions

Conversions Part 1

Format	Color
Hex	FFCF3B
RGB	255, 207, 59
RGB Percent	100%, 81%, 23%
CMY	0.0000, 0.1882, 0.7686
CMYK	0.00, 0.19, 0.77, 0.00
HSL	45°, 100%, 62%
HSV	45°, 77%, 100%
XYZ	64.3422, 66.2014, 13.5246
YIQ	204.4800, 76.1160, -35.8520

Conversions

Conversions Part 2

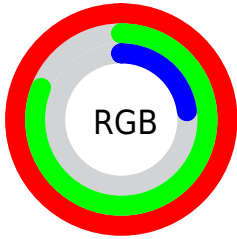
Format	Color
R_{YB}	123, 255, 59
Decimal	16764731
CIE Lab	85.10, 3.25, 74.52
CIE LCh	85, 74.590, 87.500
Yxy	66.2014, 0.4466, 0.4595
Android (android.graphics.Color)	4294954811 (0xFFFFCF3B)
YUV	204.4800, -71.7216, 44.3060
Hunter-Lab	81.3643, -1.2310, 47.0996

Details

The Hex color **FFCF3B** 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 **3B6BFF**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFFF75**, and **C29900** is the 20% darker color. If you saturate the color by 10%, you get **FFC921**, and if you desaturate by 10%, it is **FFD555**.

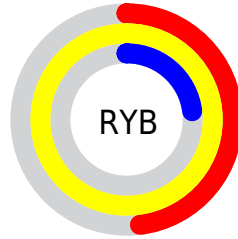
Distribution



Red (100%)

Green (81%)

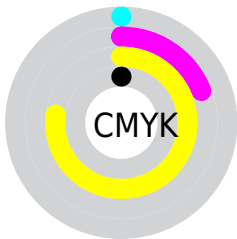
Blue (23%)



Red (48%)

Yellow (100%)

Blue (23%)

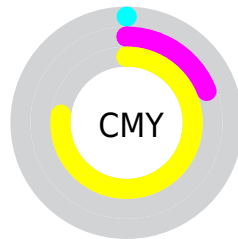


Cyan (0%)

Magenta (19%)

Yellow (77%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFCF3B 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 FFCF3B by changing the saturation by 10% instead.

 FFCF3B

 FFCF3B

FFFFFF

 E0B417

 FFFF75

 C29900

 FFFF91

 A47F00

 FFFFAE

 876700

 FFFFCA

 6A4F00

 FFFFEE

 4E3800

 342300

 1B0F00

 000000

 FFCF3B

 FFCF3B

 FFC921

 FFD555

 FFC308

 FFDB6E

 FFC100

 FFE288

 FFE8A1

 FFEEBB

 FFF4D4

 FFFBEE

FFFFFF

Harmonies

Analogous

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



FFB45D



FFCF3B



BAE44D

Triad

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



FFCF3B



00F6FF



FFA6FF

Complementary

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



FFCF3B



3B6BFF

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.



CBC4FF



FFCF3B



00EFFF

Square

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



FFCF3B



00F6CC



00DEFF



FF94DD

Rectangle

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



FFCF3B



7FED70



00DEFF



FFB0FF

Sweetspot

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



FFCF3B



FFF1C4



FF3B6C



80775C



000000



808080

Same Dimension

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



FFCF3B



FFC614



CEFF3B



807C73



BF9000



403000

Inverse Universe

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



3B6BFF



144EFF



6C3BFF



737680



002FBF



001040

Previews

White Background



This preview shows how the Hex color FFCF3B looks on a white background.

Color Contrast Check

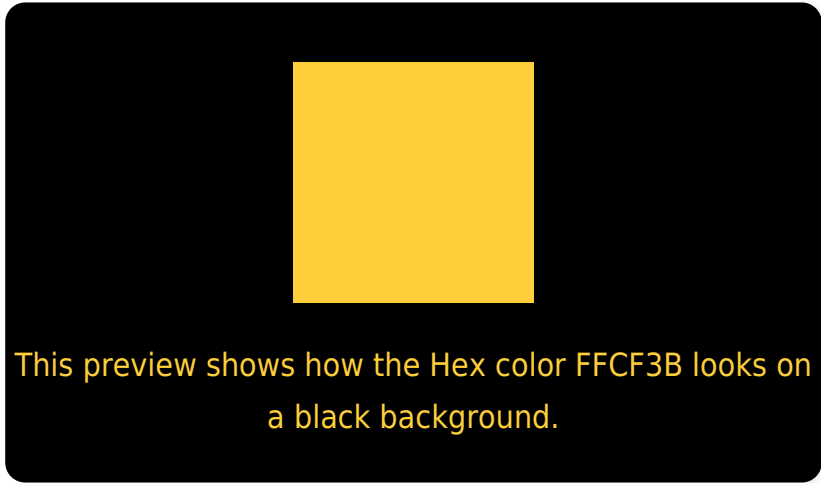
Large Text (above 18pt) WCAG AA × Fail

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 FFCF3B Background



This preview shows how black text looks on a background with the Hex color FFCF3B.

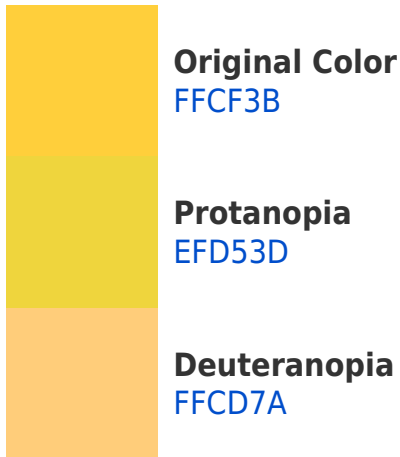


This preview shows how white text looks on a background with the Hex color FFCF3B.

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](#).

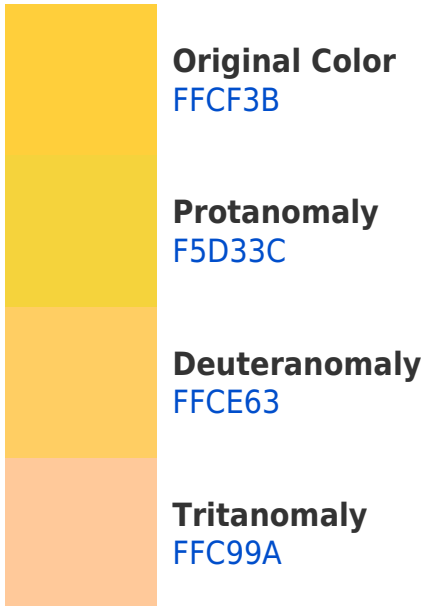
Dichromacy



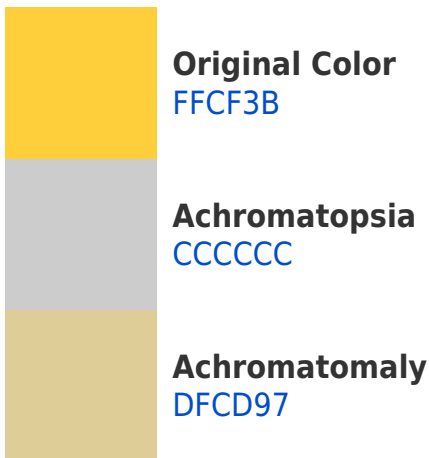


Tritanopia
FFC6D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFCF3B 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 #FFCF3B looks like.

```
.text, #text, p{  
    color:#FFCF3B  
}
```

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 #FFCF3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFCF3B
}
```

Border

The CSS property to change the border of an element to Hex FFCF3B 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
#FFCF3B }
```

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

```
.border{ border-color:#FFCF3B }
```

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

Here you see how a box with a 4 pixel #FFCF3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFCF3B; -webkit-box-shadow:4px 4px  
4px 4px #FFCF3B; box-shadow:4px 4px 4px  
4px #FFCF3B }
```

Background

The CSS property to change the background color of an element to Hex FFCF3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFCF3B }
```

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

```
.background{ background-color:#FFCF3B }
```

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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