

Converting Colors

Hex(FCB31C)

Have a look what the booklet for
Hex(FCB31C) contains.

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Color

Hex(FCB31C)

Conversions

Conversions Part 1

Format	Color
Hex	FCB31C
RGB	252, 179, 28
RGB Percent	99%, 70%, 11%
CMY	0.0118, 0.2980, 0.8902
CMYK	0.00, 0.29, 0.89, 0.01
HSL	40°, 97%, 55%
HSV	40°, 89%, 99%
XYZ	56.4746, 53.0195, 8.3559
YIQ	183.6130, 91.9790, -31.4850

Conversions

Conversions Part 2

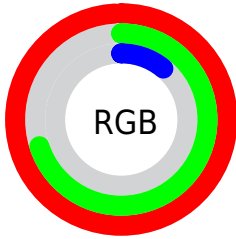
Format	Color
RYB	136, 252, 28
Decimal	16560924
CIELab	77.89, 15.66, 76.88
CIElCh	78, 78.462, 78.484
Yxy	53.0195, 0.4792, 0.4499
Android (android.graphics.Color)	4294751004 (0xFFFCB31C)
YUV	183.6130, -76.7172, 59.9754
Hunter-Lab	72.8145, 11.0185, 44.1663

Details

The Hex color **FCB31C** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **1C65FC**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFEB5C**, and **BE7F00** is the 20% darker color. If you saturate the color by 10%, you get **FCAB03**, and if you desaturate by 10%, it is **FCBB35**.

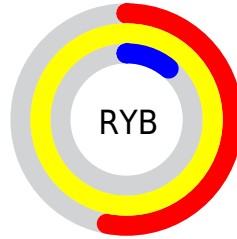
Distribution



Red (99%)

Green (70%)

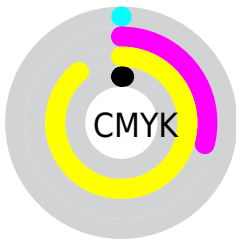
Blue (11%)



Red (53%)

Yellow (99%)

Blue (11%)

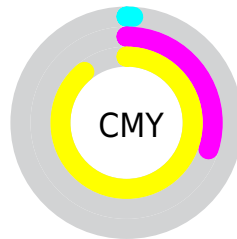


Cyan (0%)

Magenta (29%)

Yellow (89%)

Black (1%)



Cyan (1%)

Magenta (30%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color FCB31C 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 FCB31C by changing the saturation by 10% instead.

 FCB31C

 FCB31C

FFFFFF

 DD9800

 FFEB5C

 BE7F00

 FFFF78

 9F6600

 FFFF95

 824E00

 FFFFB1

 643700

 FFFFCE

 492100

 FFFFEC

 2E0D00

 100000

 000000

 FCB31C

 FCB31C

 FCAB03

 FCBB35

 FCAA00

 FCC34E

 FCCC68

 FCD481

 FCDC9A

 FCE4B3

 FCECCC

 FCF5E6

 FCFDFF

Harmonies

Analogous

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



FF9555



FCB31C



BACB1C

Triad

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



FCB31C



00E3ED



FC99FF

Complementary

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



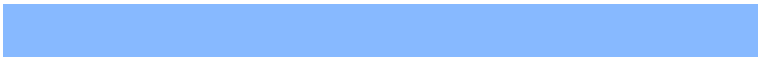
FCB31C



1C65FC

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.



87B9FF



FCB31C



00DEFF

Square

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



FCB31C



00E1A1



00D1FF



FF7DE0

Rectangle

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



FCB31C



83D543



00D1FF



DEA4FF

Sweetspot

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



FCB31C



FFE9BA



FC1C67



807257



000000



808080

Same Dimension

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



FCB31C



FFAC00



D7FC1C



7D7970



BD7F00



3D2900

Inverse Universe

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



1C65FC



0053FF



411CFC



70757D



003DBD



00143D

Previews

White Background



This preview shows how the Hex color FCB31C looks on a white background.

Color Contrast Check

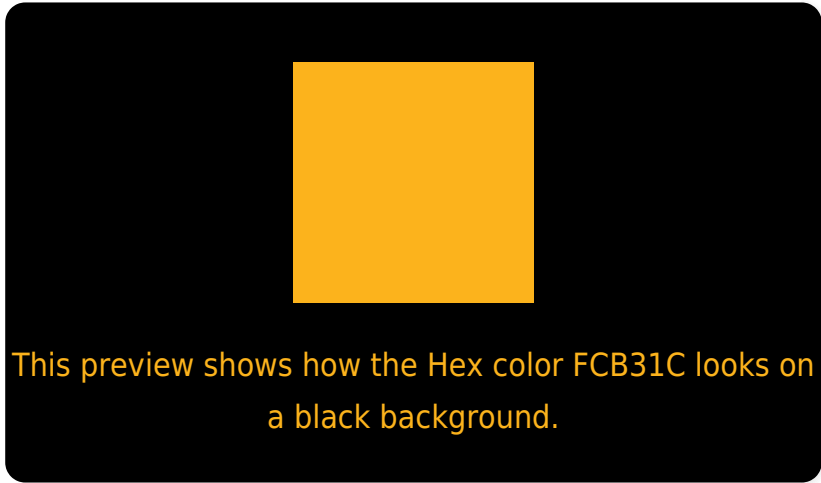
Large Text (above 18pt) WCAG AA × Fail

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 FCB31C Background



This preview shows how black text looks on a background with the Hex color FCB31C.



This preview shows how white text looks on a background with the Hex color FCB31C.

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
FCB31C

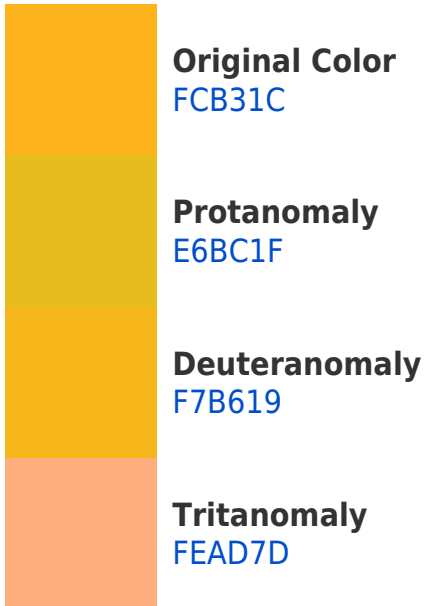
Protanopia
D9C120

Deuteranopia
F4B718

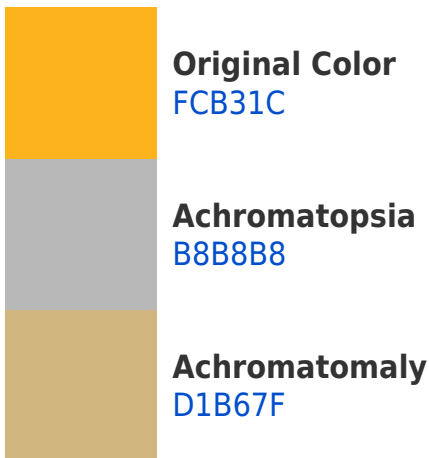


Tritanopia
FFA9B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FCB31C 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 #FCB31C looks like.

```
.text, #text, p{  
    color:#FCB31C  
}
```

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 #FCB31C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FCB31C
}
```

Border

The CSS property to change the border of an element to Hex FCB31C 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
#FCB31C }
```

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

```
.border{ border-color:#FCB31C }
```

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

Here you see how a box with a 4 pixel #FCB31C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FCB31C; -webkit-box-shadow:4px 4px  
4px 4px #FCB31C; box-shadow:4px 4px 4px  
4px #FCB31C }
```

Background

The CSS property to change the background color of an element to Hex FCB31C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FCB31C }
```

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

```
.background{ background-color:#FCB31C }
```

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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