

Converting Colors

Hex(FCBE12)

Have a look what the booklet for
Hex(FCBE12) contains.

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Color

Hex(FCBE12)

Conversions

Conversions Part 1

Format	Color
Hex	FCBE12
RGB	252, 190, 18
RGB Percent	99%, 75%, 7%
CMY	0.0118, 0.2549, 0.9294
CMYK	0.00, 0.25, 0.93, 0.01
HSL	44°, 98%, 53%
HSV	44°, 93%, 99%
XYZ	58.6675, 57.5660, 8.5915
YIQ	188.9300, 92.1640, -40.3480

Conversions

Conversions Part 2

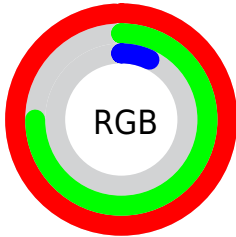
Format	Color
RYB	102, 252, 18
Decimal	16563730
CIELab	80.50, 9.78, 80.59
CIELCh	80, 81.183, 83.078
Yxy	57.5660, 0.4700, 0.4612
Android (android.graphics.Color)	4294753810 (0xFFFCBE12)
YUV	188.9300, -84.2685, 55.3124
Hunter-Lab	75.8723, 5.2469, 46.3968

Details

The Hex color **FCBE12** 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 **1250FC**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFF659**, and **BE8900** is the 20% darker color. If you saturate the color by 10%, you get **FCB900**, and if you desaturate by 10%, it is **FCC52B**.

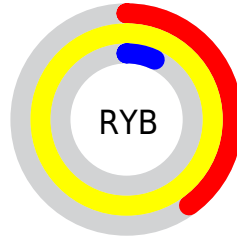
Distribution



Red (99%)

Green (75%)

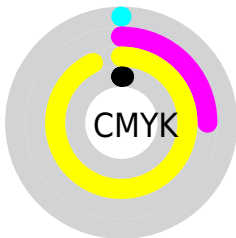
Blue (7%)



Red (40%)

Yellow (99%)

Blue (7%)

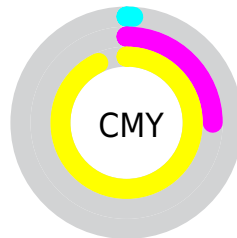


Cyan (0%)

Magenta (25%)

Yellow (93%)

Black (1%)



Cyan (1%)

Magenta (25%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color FCBE12 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 FCBE12 by changing the saturation by 10% instead.

 FCBE12

 FCBE12

FFFFFF

 DDA300

 FFF659

 BE8900

 FFFF76

 A07000

 FFFF93

 825800

 FFFFB0

 654100

 FFFFCD

 492B00

 FFFFEA

 2F1700

 170000

 000000

 FCBE12

 FCBE12

 FCB900

 FCC52B

 FCCB44

 FCD25E

 FCD977

 FCDF90

 FCE6A9

 FCEDC2

 FCF3DC

 FCFAF5

Harmonies

Analogous

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



FF9F4E



FCBE12



B5D524

Triad

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



FCBE12



00EBFF



FF99FF

Complementary

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



FCBE12



1250FC

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.



A5BBFF



FCBE12



00E5FF

Square

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



FCBE12



00EAB3



00D6FF



FF7EDD

Rectangle

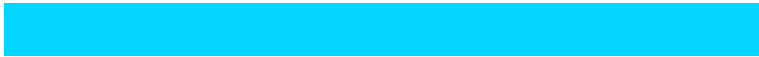
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FCBE12



77DF4F



00D6FF



F5A4FF

Sweetspot

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



FCBE12



FFECB8



FC1250



807454



000000



808080

Same Dimension

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



FCBE12



FFBB00



C5FC12



7D7A70



BD8B00



3D2D00

Inverse Universe

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



1250FC



0044FF



4912FC



70747D



0032BD



00103D

Previews

White Background



This preview shows how the Hex color FCBE12 looks on a white background.

Color Contrast Check

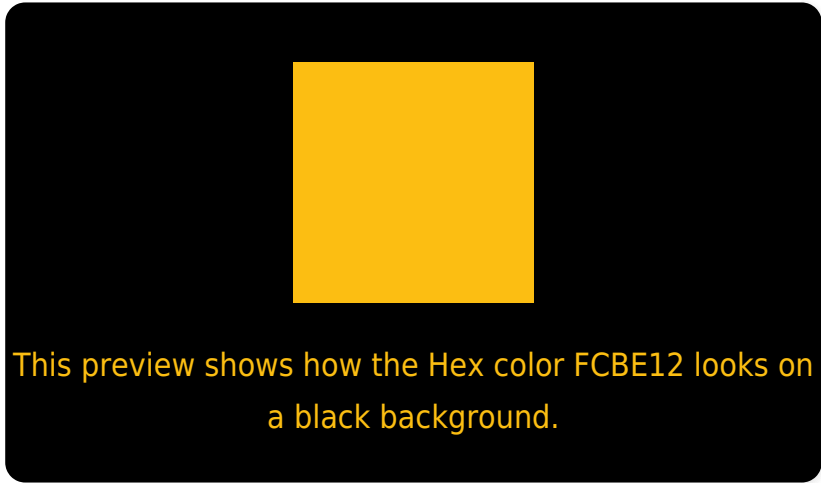
Large Text (above 18pt) WCAG AA × Fail

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 FCBE12 Background



This preview shows how black text looks on a background with the Hex color FCBE12.

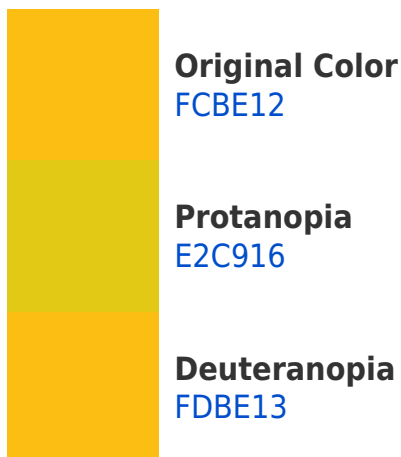


This preview shows how white text looks on a background with the Hex color FCBE12.

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](#).

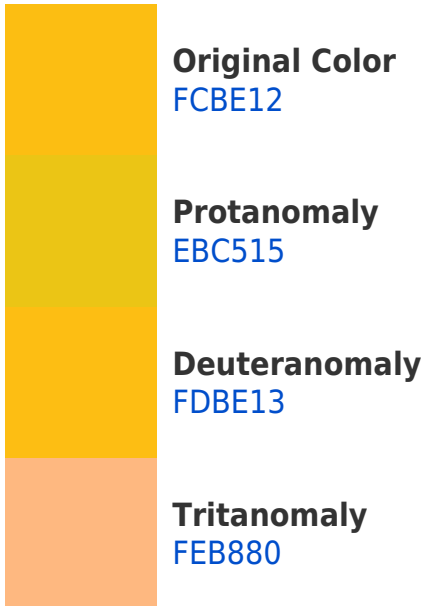
Dichromacy



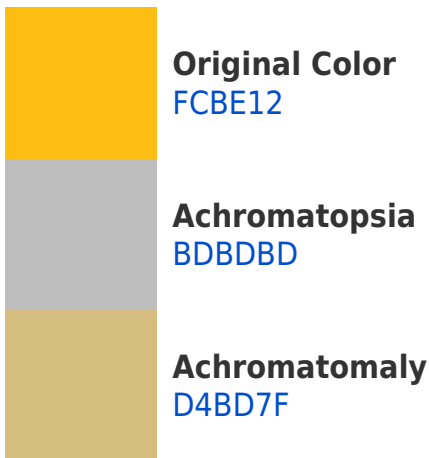


Tritanopia
FFB4BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FCBE12 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 #FCBE12 looks like.

```
.text, #text, p{  
    color:#FCBE12  
}
```

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 #FCBE12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FCBE12
}
```

Border

The CSS property to change the border of an element to Hex FCBE12 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
#FCBE12 }
```

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

```
.border{ border-color:#FCBE12 }
```

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

Here you see how a box with a 4 pixel #FCBE12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FCBE12; -webkit-box-shadow:4px 4px  
4px 4px #FCBE12; box-shadow:4px 4px 4px  
4px #FCBE12 }
```

Background

The CSS property to change the background color of an element to Hex FCBE12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FCBE12 }
```

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

```
.background{ background-color:#FCBE12 }
```

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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