

Converting Colors

Hex(FBBE00)

Have a look what the booklet for
Hex(FBBE00) contains.

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Color

Hex(FBBE00)

Conversions

Conversions Part 1

Format	Color
Hex	FBBE00
RGB	251, 190, 0
RGB Percent	98%, 75%, 0%
CMY	0.0157, 0.2549, 1.0000
CMYK	0.00, 0.24, 1.00, 0.02
HSL	45°, 100%, 49%
HSV	45°, 100%, 98%
XYZ	58.1971, 57.3361, 7.9997
YIQ	186.5790, 97.3460, -46.1580

Conversions

Conversions Part 2

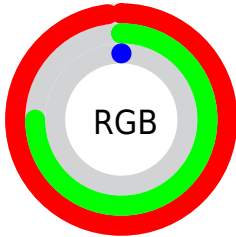
Format	Color
R_{YB}	81, 251, 0
Decimal	16498176
CIE _{Lab}	80.37, 9.20, 82.39
CIE _{LCh}	80, 82.898, 83.630
Yxy	57.3361, 0.4711, 0.4641
Android (android.graphics.Color)	4294688256 (0xFFFBBE00)
YUV	186.5790, -91.9834, 56.4972
Hunter-Lab	75.7206, 4.6798, 46.7406

Details

The Hex color **FBBE00** is a dark color, and the websafe version is hex **FFCC00**. The color can be described as middle saturated orange. A complement of this color would be **003DFB**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFF654**, and **BD8900** is the 20% darker color. If you saturate the color by 10%, you get **FBBE00**, and if you desaturate by 10%, it is **FBC419**.

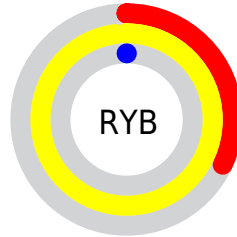
Distribution



Red (98%)

Green (75%)

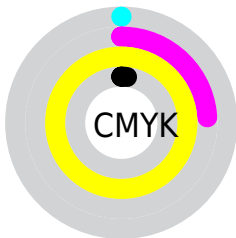
Blue (0%)



Red (32%)

Yellow (98%)

Blue (0%)

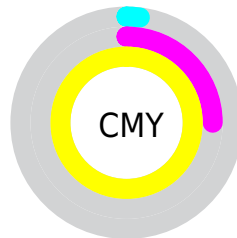


Cyan (0%)

Magenta (24%)

Yellow (100%)

Black (2%)



Cyan (2%)

Magenta (25%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color FBBE00 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 FBBE00 by changing the saturation by 10% instead.

 FBBE00

 FBBE00

FFFFFF

 DCA300

 FFF654

 BD8900

 FFFF71

 9F7000

 FFFF8E

 815800

 FFFFAB

 644100

 FFFFC8

 482B00

 FFFF E6

 2E1700

 160000

 000000

 FBBE00

 FBC419

 FBCA32

 FBD04B

 FBD664

 FBDD7E

 FBE397

 FBE9B0

 FBEFC9

 FBF5E2

Harmonies

Analogous

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



FF9E49



FBBE00



B2D51D

Triad

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



FBBE00



00EBFF



FF96FF

Complementary

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



FBBE00



003DFB

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.



A6BAFF



FBBE00



00E5FF

Square

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



FBBE00



00EAB4



00D5FF



FF7BDB

Rectangle

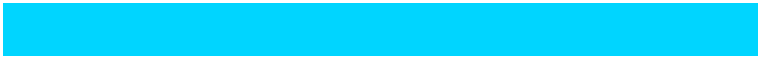
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FBBE00



72E04D



00D5FF



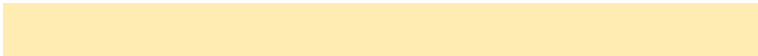
F7A2FF

Sweetspot

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



FBBE00



FFECB3



FB003F



807452



000000



808080

Same Dimension

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



FBBE00



FFC100



BCFB00



7D7A70



BD8F00



3D2E00

Inverse Universe

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



003DFB



003EFF



3F00FB



70737D



002EBD



000F3D

Previews

White Background



This preview shows how the Hex color FBBE00 looks on a white background.

Color Contrast Check

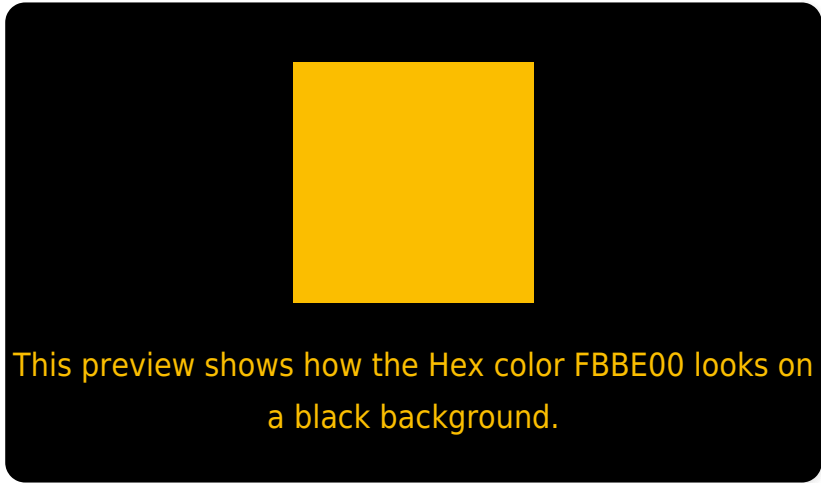
Large Text (above 18pt) WCAG AA × Fail

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 FBBE00 Background



This preview shows how black text looks on a background with the Hex color FBBE00.



This preview shows how white text looks on a background with the Hex color FBBE00.

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
FBBE00

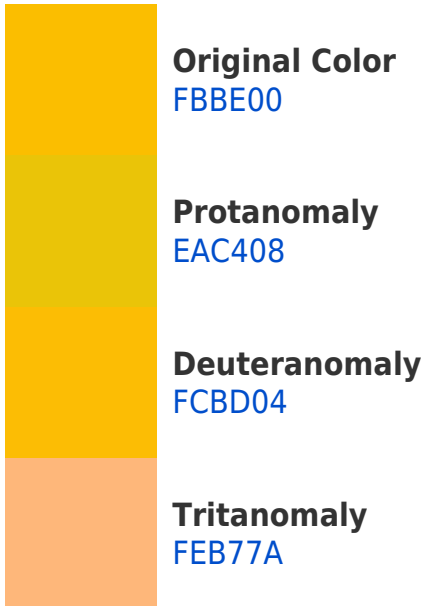
Protanopia
E1C80D

Deuteranopia
FDBD07

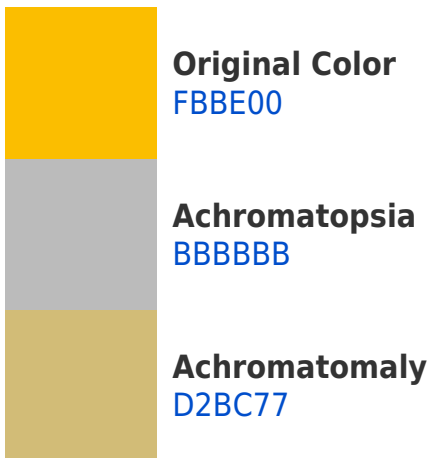


Tritanopia
FFB3BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FBBE00 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 #FBBE00 looks like.

```
.text, #text, p{  
    color:#FBBE00  
}
```

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 #FBBE00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBBE00
}
```

Border

The CSS property to change the border of an element to Hex FBBE00 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
#FBBE00 }
```

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

```
.border{ border-color:#FBBE00 }
```

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

Here you see how a box with a 4 pixel #FBBE00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBBE00; -webkit-box-shadow:4px 4px  
4px 4px #FBBE00; box-shadow:4px 4px 4px  
4px #FBBE00 }
```

Background

The CSS property to change the background color of an element to Hex FBBE00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBBE00 }
```

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

```
.background{ background-color:#FBBE00 }
```

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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