

Converting Colors

Hex(F6BF06)

Have a look what the booklet for
Hex(F6BF06) contains.

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Color

Hex(F6BF06)

Conversions

Conversions Part 1

Format	Color
Hex	F6BF06
RGB	246, 191, 6
RGB Percent	96%, 75%, 2%
CMY	0.0353, 0.2510, 0.9765
CMYK	0.00, 0.22, 0.98, 0.04
HSL	46°, 95%, 49%
HSV	46°, 98%, 96%
XYZ	56.6697, 56.8676, 8.1620
YIQ	186.3550, 92.1650, -45.8750

Conversions

Conversions Part 2

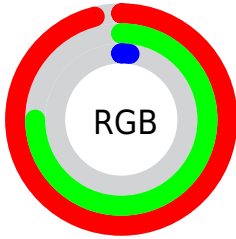
Format	Color
R_{YB}	77, 246, 6
Decimal	16170758
CIE _{Lab}	80.11, 6.58, 81.37
CIE _{LCh}	80, 81.636, 85.373
Yxy	56.8676, 0.4657, 0.4673
Android (android.graphics.Color)	4294360838 (0xFFFF6BF06)
YUV	186.3550, -88.9150, 52.3087
Hunter-Lab	75.4106, 2.1710, 46.3702

Details

The Hex color **F6BF06** 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 **063DF6**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFF755**, and **B88A00** is the 20% darker color. If you saturate the color by 10%, you get **F6BE00**, and if you desaturate by 10%, it is **F6C51F**.

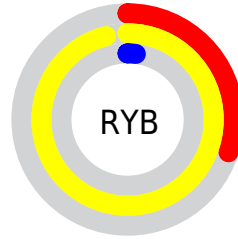
Distribution



Red (96%)

Green (75%)

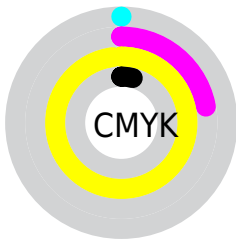
Blue (2%)



Red (30%)

Yellow (96%)

Blue (2%)

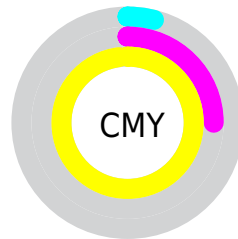


Cyan (0%)

Magenta (22%)

Yellow (98%)

Black (4%)



Cyan (4%)

Magenta (25%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color F6BF06 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 F6BF06 by changing the saturation by 10% instead.

 F6BF06

 F6BF06

FFFFFF

 D7A400

 FFF755

 B88A00

 FFFF73

 9A7100

 FFFF90

 7D5900

 FFFFAC

 604200

 FFFFCA

 452C00

 FFFFEE

 2B1800

 100000

 000000

 F6BF06

 F6BF06

 F6BE00

 F6C51F

 F6CA37

 F6D050

 F6D668

 F6DB81

 F6E19A

 F6E6B2

 F6ECCB

 F6F2E3

Harmonies

Analogous

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



FFA047



F6BF06



ADD625

Triad

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



F6BF06



00EAF7



FF95FF

Complementary

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



F6BF06



063DF6

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.



AFB7FF



F6BF06



00E3FF

Square

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



F6BF06



00E9B8



00D3FF



FF7BD6

Rectangle

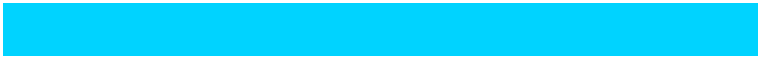
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F6BF06



6DDF53



00D3FF



FCA0FF

Sweetspot

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



F6BF06



FFEEB5



F6063E



807553



000000



808080

Same Dimension

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



F6BF06



FFC500



B6F606



7A786E



BA8F00



3B2D00

Inverse Universe

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



063DF6



003AFF



4606F6



6E717A



002BBA



000D3B

Previews

White Background



This preview shows how the Hex color F6BF06 looks on a white background.

Color Contrast Check

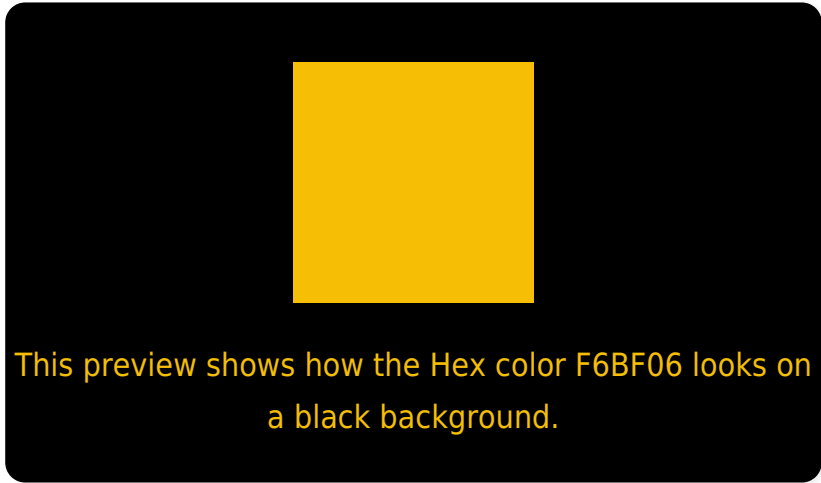
Large Text (above 18pt) WCAG AA × Fail

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 F6BF06 Background



This preview shows how black text looks on a background with the Hex color F6BF06.

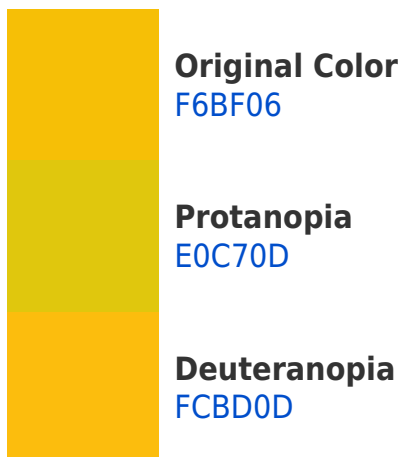


This preview shows how white text looks on a background with the Hex color F6BF06.

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
FFB2BF

Trichromacy



Original Color
F6BF06

Protanomaly
E8C40A

Deuteranomaly
FABE0A

Tritanomaly
FCB77C

Monochromacy



Original Color
F6BF06

Achromatopsia
BABABA

Achromatomaly
D0BC79

CSS Examples

Text

The CSS property to change the color of the text to Hex F6BF06 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 #F6BF06 looks like.

```
.text, #text, p{  
    color:#F6BF06  
}
```

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 #F6BF06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F6BF06  
}
```

Border

The CSS property to change the border of an element to Hex F6BF06 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  
#F6BF06 }
```

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

```
.border{ border-color:#F6BF06 }
```

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

Here you see how a box with a 4 pixel #F6BF06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F6BF06; -webkit-box-shadow:4px 4px  
4px 4px #F6BF06; box-shadow:4px 4px 4px  
4px #F6BF06 }
```

Background

The CSS property to change the background color of an element to Hex F6BF06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F6BF06 }
```

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

```
.background{ background-color:#F6BF06 }
```

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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