

Converting Colors

Hex(F0BF00)

Have a look what the booklet for
Hex(F0BF00) contains.

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Color

Hex(F0BF00)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F0BF00 |
| RGB | 240, 191, 0 |
| RGB Percent | 94%, 75%, 0% |
| CMY | 0.0588, 0.2510, 1.0000 |
| CMYK | 0.00, 0.20, 1.00, 0.06 |
| HSL | 48°, 100%, 47% |
| HSV | 48°, 100%, 94% |
| XYZ | 54.5660, 55.7869, 7.8920 |
| YIQ | 183.8770, 90.5150, -49.0130 |

Conversions

Conversions Part 2

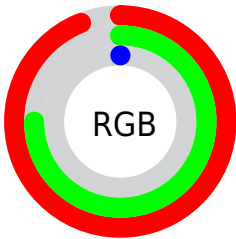
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 62, 240, 0 |
| Decimal | 15777536 |
| CIELab | 79.49, 3.95, 81.25 |
| CIELCh | 79, 81.350, 87.215 |
| Yxy | 55.7869, 0.4615, 0.4718 |
| Android (android.graphics.Color) | 4293967616 (0xFFFF0BF00) |
| YUV | 183.8770, -90.6514, 49.2199 |
| Hunter-Lab | 74.6906, -0.3036, 46.0187 |

Details

The Hex color **F0BF00** 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 **0031F0**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFF754**, and **B38A00** is the 20% darker color. If you saturate the color by 10%, you get **F0BF00**, and if you desaturate by 10%, it is **F0C418**.

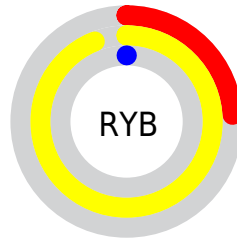
Distribution



Red (94%)

Green (75%)

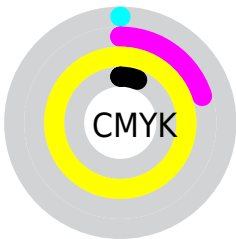
Blue (0%)



Red (24%)

Yellow (94%)

Blue (0%)

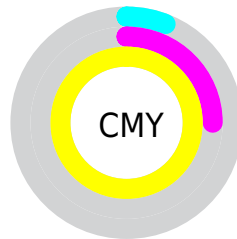


Cyan (0%)

Magenta (20%)

Yellow (100%)

Black (6%)



Cyan (6%)

Magenta (25%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color F0BF00 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 F0BF00 by changing the saturation by 10% instead.

 F0BF00

 F0BF00

FFFFFF

 D1A400

 FFF754

 B38A00

 FFFF71

 957100

 FFFF8E

 775900

 FFFFAB

 5B4200

 FFFFC8

 402C00

 FFFF E5

 271800

 050000

 000000

 F0BF00

 F0C418

 F0C930

 F0CE48

 F0D360

 F0D778

 F0DC90

 F0E1A8

 F0E6C0

 F0EBD8

Harmonies

Analogous

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



FFA142



F0BF00



A6D528

Triad

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



F0BF00



00E8FF



FF91FF

Complementary

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



F0BF00



0031F0

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.



B6B4FF



F0BF00



00E1FF

Square

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



F0BF00



00E8BB



00D0FF



FF79CF

Rectangle

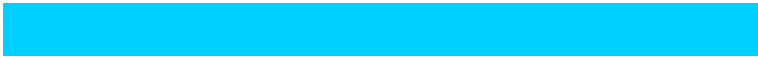
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F0BF00



64DE56



00D0FF



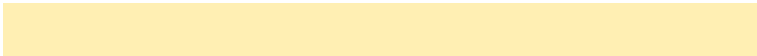
FF9DFF

Sweetspot

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



F0BF00



FFEFB3



F00034



807652



000000



808080

Same Dimension

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



F0BF00



FFCB00



ACF000



78756C



B89200



382D00

Inverse Universe

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



0031F0



0034FF



4400F0



6C6E78



0025B8



000B38

Previews

White Background



This preview shows how the Hex color F0BF00 looks on a white background.

Color Contrast Check

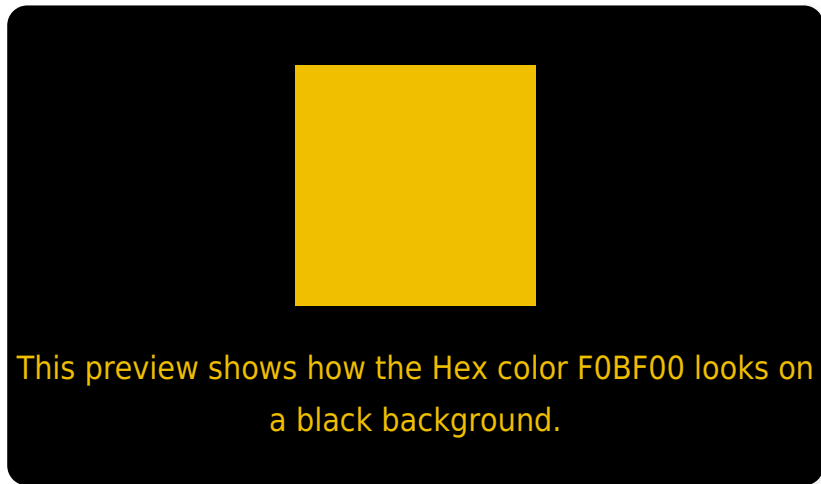
Large Text (above 18pt) WCAG AA × Fail

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 F0BF00 Background



This preview shows how black text looks on a background with the Hex color F0BF00.



This preview shows how white text looks on a background with the Hex color F0BF00.

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
F0BF00

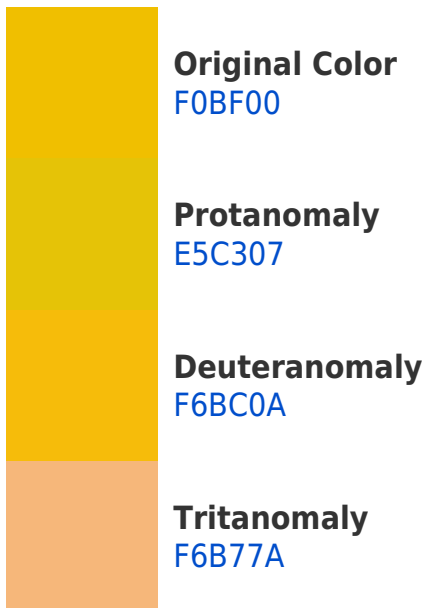
Protanopia
DFC60B

Deuteranopia
F9BB10

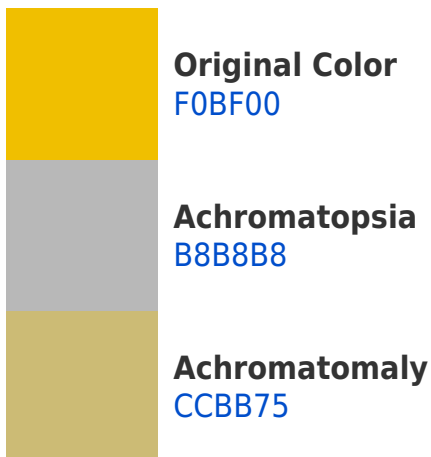


Tritanopia
FAB2BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F0BF00 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 #F0BF00 looks like.

```
.text, #text, p{  
    color:#F0BF00  
}
```

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 #F0BF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0BF00
}
```

Border

The CSS property to change the border of an element to Hex F0BF00 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
#F0BF00 }
```

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

```
.border{ border-color:#F0BF00 }
```

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

Here you see how a box with a 4 pixel #F0BF00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0BF00; -webkit-box-shadow:4px 4px  
4px 4px #F0BF00; box-shadow:4px 4px 4px  
4px #F0BF00 }
```

Background

The CSS property to change the background color of an element to Hex F0BF00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0BF00 }
```

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

```
.background{ background-color:#F0BF00 }
```

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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