

# Converting Colors

Hex(F0B000)

Have a look what the booklet for  
Hex(F0B000) contains.

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**Color**

**Hex(F0B000)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0B000
RGB	240, 176, 0
RGB Percent	94%, 69%, 0%
CMY	0.0588, 0.3098, 1.0000
CMYK	0.00, 0.27, 1.00, 0.06
HSL	44°, 100%, 47%
HSV	44°, 100%, 94%
XYZ	51.4605, 49.5759, 6.8568
YIQ	175.0720, 94.6400, -41.1680

# Conversions

## Conversions Part 2

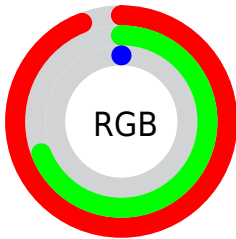
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 240, 0
Decimal	15773696
CIELab	75.81, 11.79, 78.72
CIELCh	76, 79.598, 81.479
Yxy	49.5759, 0.4770, 0.4595
Android (android.graphics.Color)	4293963776 (0xFFFF0B000)
YUV	175.0720, -86.3105, 56.9419
Hunter-Lab	70.4102, 7.2420, 43.5132

# Details

The Hex color **F0B000** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle saturated orange. A complement of this color would be **0040F0**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFE751**, and **B27C00** is the 20% darker color. If you saturate the color by 10%, you get **F0B000**, and if you desaturate by 10%, it is **F0B618**.

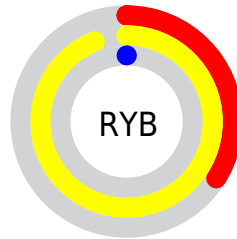
# Distribution



Red (94%)

Green (69%)

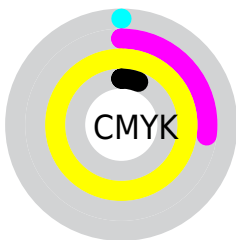
Blue (0%)



Red (34%)

Yellow (94%)

Blue (0%)

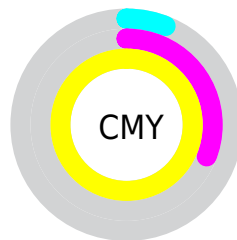


Cyan (0%)

Magenta (27%)

Yellow (100%)

Black (6%)



Cyan (6%)

Magenta (31%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F0B000 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 F0B000 by changing the saturation by 10% instead.



 F0B000

 F0B000

FFFFFF

 D19600

 FFE751

 B27C00

 FFFF6E

 946300

 FFFF8A

 774C00

 FFFFA7

 5A3500

 FFFFC4

 3F2000

 FFFFE1

 260B00

 000000

 F0B000

 F0B618

 F0BD30

 F0C348

 F0CA60

 F0D078

 F0D690

 F0DDA8

 F0E3C0

 F0EAD8

# Harmonies

## Analogous

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



FF9147



F0B000



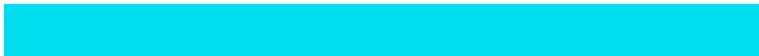
ACC711

# Triad

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



F0B000



00DDEF



FF8FFF

# Complementary

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



F0B000



0040F0

# Split Complementary

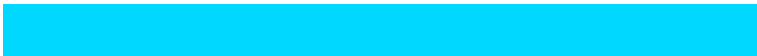
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



8FB0FF



F0B000



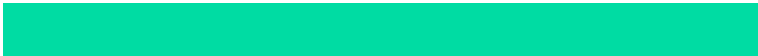
00D8FF

# Square

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



F0B000



00DCA3



00CAFF



FF73D3

# Rectangle

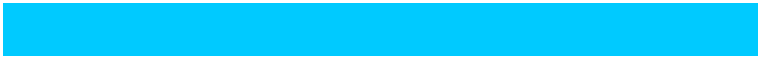
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F0B000



72D142



00CAFF



E29AFF



# Sweetspot

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



F0B000



FFEBB3



F00040



807352



000000



808080



# Same Dimension

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



F0B000



FFBB00



B8F000



78756C



B88700



382900



# Inverse Universe

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



0040F0



0044FF



3800F0



6C6F78



0031B8



000F38



# Previews

## White Background



This preview shows how the Hex color F0B000 looks on a white background.

## Color Contrast Check

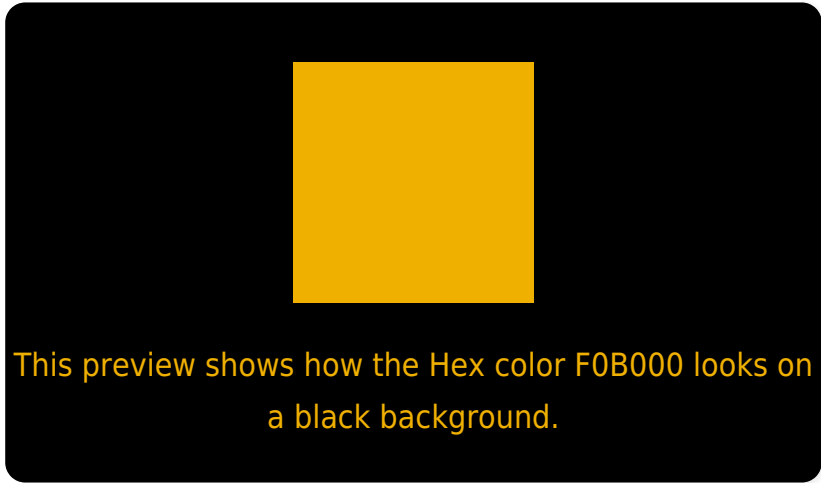
Large Text (above 18pt) WCAG AA × Fail

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 F0B000 Background



This preview shows how black text looks on a background with the Hex color F0B000.



This preview shows how white text looks on a background with the Hex color F0B000.

# 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**  
F0B000

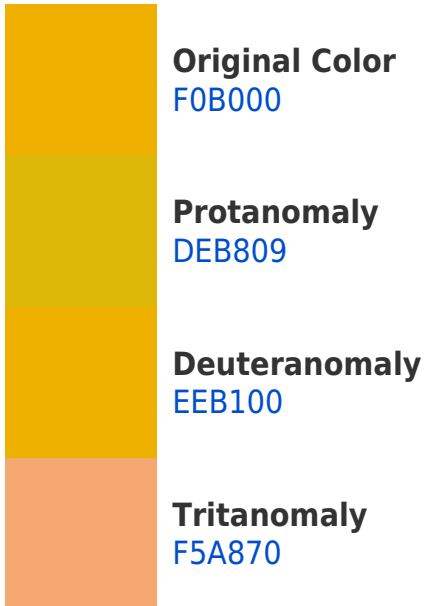
**Protanopia**  
D3BC0E

**Deuteranopia**  
EDB100

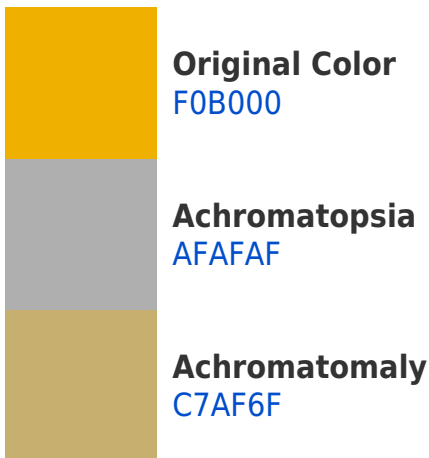


**Tritanopia**  
F8A4B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F0B000 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 #F0B000 looks like.

```
.text, #text, p{  
    color:#F0B000  
}
```

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 #F0B000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0B000
}
```

## Border

The CSS property to change the border of an element to Hex F0B000 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
#F0B000 }
```

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

```
.border{ border-color:#F0B000 }
```

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

Here you see how a box with a 4 pixel #F0B000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0B000; -webkit-box-shadow:4px 4px  
4px 4px #F0B000; box-shadow:4px 4px 4px  
4px #F0B000 }
```

# Background

The CSS property to change the background color of an element to Hex F0B000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0B000 }
```

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

```
.background{ background-color:#F0B000 }
```

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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