

Converting Colors

Hex(F0B608)

Have a look what the booklet for
Hex(F0B608) contains.

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Color

Hex(F0B608)

Conversions

Conversions Part 1

Format	Color
Hex	F0B608
RGB	240, 182, 8
RGB Percent	94%, 71%, 3%
CMY	0.0588, 0.2863, 0.9686
CMYK	0.00, 0.24, 0.97, 0.06
HSL	45°, 94%, 49%
HSV	45°, 97%, 94%
XYZ	52.7070, 51.9987, 7.4885
YIQ	179.5060, 90.4220, -41.8180

Conversions

Conversions Part 2

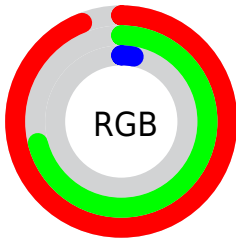
Format	Color
R _Y B	85, 240, 8
Decimal	15775240
CIE Lab	77.28, 8.71, 78.89
CIE LCh	77, 79.365, 83.696
Yxy	51.9987, 0.4698, 0.4635
Android (android.graphics.Color)	4293965320 (0xFFFF0B608)
YUV	179.5060, -84.5525, 53.0532
Hunter-Lab	72.1101, 4.2771, 44.3199

Details

The Hex color **F0B608** 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 **0842F0**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFEE54**, and **B28200** is the 20% darker color. If you saturate the color by 10%, you get **F0B400**, and if you desaturate by 10%, it is **F0BC20**.

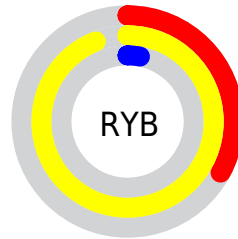
Distribution



Red (94%)

Green (71%)

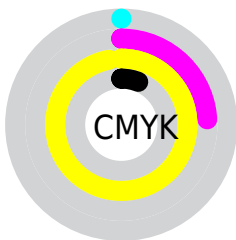
Blue (3%)



Red (33%)

Yellow (94%)

Blue (3%)

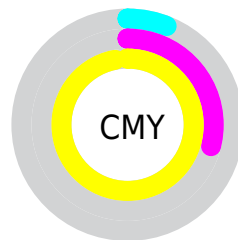


Cyan (0%)

Magenta (24%)

Yellow (97%)

Black (6%)



Cyan (6%)

Magenta (29%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color F0B608 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 F0B608 by changing the saturation by 10% instead.

 F0B608

 F0B608

FFFFFF

 D19B00

 FFEE54

 B28200

 FFFF71

 956900

 FFFF8E

 775100

 FFFFAA

 5B3A00

 FFFFC7

 402500

 FFFF E5

 261100

 000000

 F0B608

 F0B608

 F0B400

 F0BC20

 F0C238

 F0C850

 F0CE68

 F0D480

 F0DA98

 F0E0B0

 F0E6C8

 F0ECE0

Harmonies

Analogous

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



FF9847



F0B608



AACC1F

Triad

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



F0B608



00E1F8



FF90FF

Complementary

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



F0B608



0842F0

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.



A0B2FF



F0B608



00DBFF

Square

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



F0B608



00E0AC



00CCFF



FF77D2

Rectangle

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



F0B608



6ED64B



00CCFF



ED9CFF

Sweetspot

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



F0B608



FFEDB5



F00842



807453



000000



808080

Same Dimension

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



F0B608



FFBF00



B6F008



78756C



B88A00



382A00

Inverse Universe

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



0842F0



0040FF



4208F0



6C6F78



002EB8



000E38

Previews

White Background



This preview shows how the Hex color F0B608 looks on a white background.

Color Contrast Check

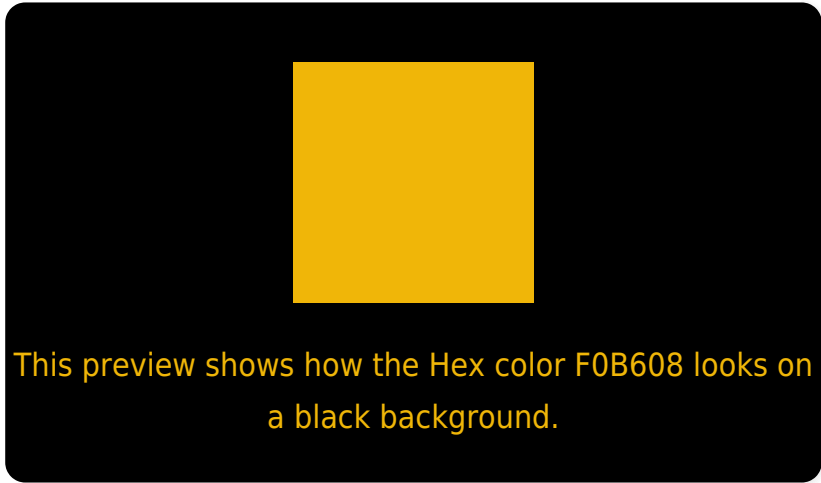
Large Text (above 18pt) WCAG AA × Fail

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 F0B608 Background



This preview shows how black text looks on a background with the Hex color F0B608.

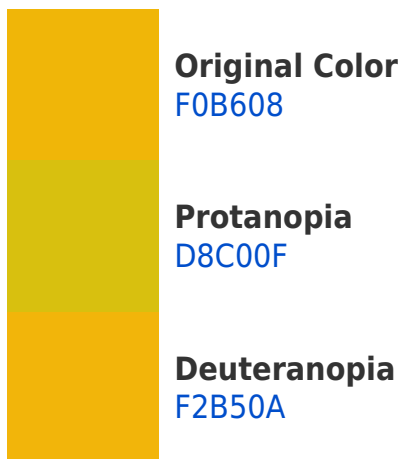


This preview shows how white text looks on a background with the Hex color F0B608.

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](#).

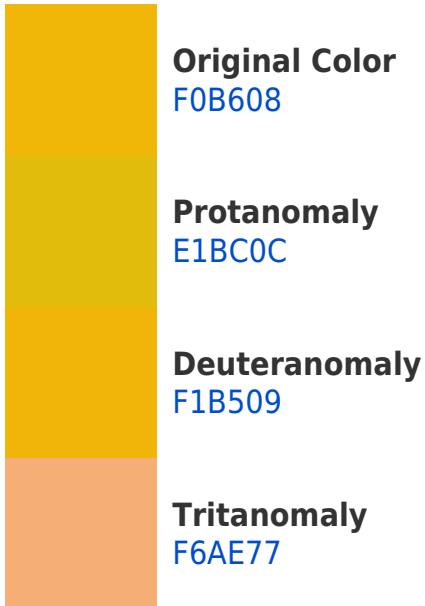
Dichromacy





Tritanopia
F9A9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F0B608 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 #F0B608 looks like.

```
.text, #text, p{  
    color:#F0B608  
}
```

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 #F0B608 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0B608
}
```

Border

The CSS property to change the border of an element to Hex F0B608 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
#F0B608 }
```

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

```
.border{ border-color:#F0B608 }
```

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

Here you see how a box with a 4 pixel #F0B608 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0B608; -webkit-box-shadow:4px 4px  
4px 4px #F0B608; box-shadow:4px 4px 4px  
4px #F0B608 }
```

Background

The CSS property to change the background color of an element to Hex F0B608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0B608 }
```

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

```
.background{ background-color:#F0B608 }
```

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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