

Converting Colors

Hex(F0B906)

Have a look what the booklet for
Hex(F0B906) contains.

Hex(F0B906)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F0B906)

Conversions

Conversions Part 1

Format	Color
Hex	F0B906
RGB	240, 185, 6
RGB Percent	94%, 73%, 2%
CMY	0.0588, 0.2745, 0.9765
CMYK	0.00, 0.23, 0.97, 0.06
HSL	46°, 95%, 48%
HSV	46°, 98%, 94%
XYZ	53.3170, 53.2363, 7.6378
YIQ	181.0390, 90.2390, -44.0090

Conversions

Conversions Part 2

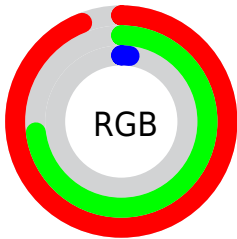
Format	Color
R_{YB}	78, 240, 6
Decimal	15776006
CIE Lab	78.01, 7.13, 79.61
CIE LCh	78, 79.929, 84.883
Yxy	53.2363, 0.4669, 0.4662
Android (android.graphics.Color)	4293966086 (0xFFFF0B906)
YUV	181.0390, -86.2942, 51.7088
Hunter-Lab	72.9632, 2.7511, 44.8678

Details

The Hex color **F0B906** 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 **063DF0**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFF154**, and **B38400** is the 20% darker color. If you saturate the color by 10%, you get **F0B800**, and if you desaturate by 10%, it is **F0BF1E**.

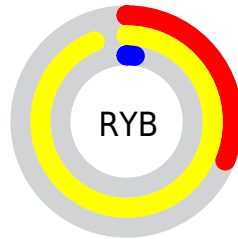
Distribution



Red (94%)

Green (73%)

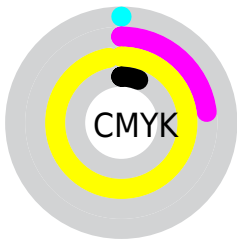
Blue (2%)



Red (31%)

Yellow (94%)

Blue (2%)

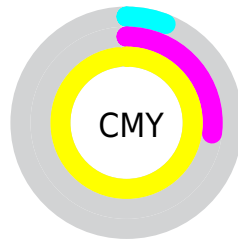


Cyan (0%)

Magenta (23%)

Yellow (97%)

Black (6%)



Cyan (6%)

Magenta (27%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color F0B906 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 F0B906 by changing the saturation by 10% instead.

 F0B906

 F0B906

FFFFFF

 D19E00

 FFF154

 B38400

 FFFF71

 956B00

 FFFF8E

 775400

 FFFFAB

 5B3D00

 FFFFC8

 402700

 FFFF E5

 261300

 000000

 F0B906

 F0B906

 F0B800

 F0BF1E

 F0C436

 F0CA4E

 F0D066

 F0D57E

 F0DB96

 F0E0AE

 F0E6C6

 F0ECDE

Harmonies

Analogous

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



FF9B46



F0B906



A9CF23

Triad

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



F0B906



00E3FD



FF91FF

Complementary

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



F0B906



063DF0

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.



A7B3FF



F0B906



00DDFF

Square

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



F0B906



00E3B1



00CDFE



FF78D1

Rectangle

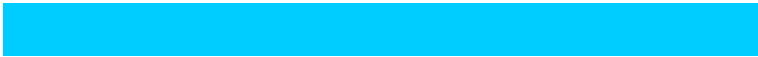
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F0B906



6BD94F



00CDFF



F39CFF

Sweetspot

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



F0B906



FFEEB5



F00641



807553



000000



808080

Same Dimension

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



F0B906



FFC300



B5F006



78756C



B88C00



382B00

Inverse Universe

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



063DF0



003CFF



4106F0



6C6F78



002BB8



000D38

Previews

White Background



This preview shows how the Hex color F0B906 looks on a white background.

Color Contrast Check

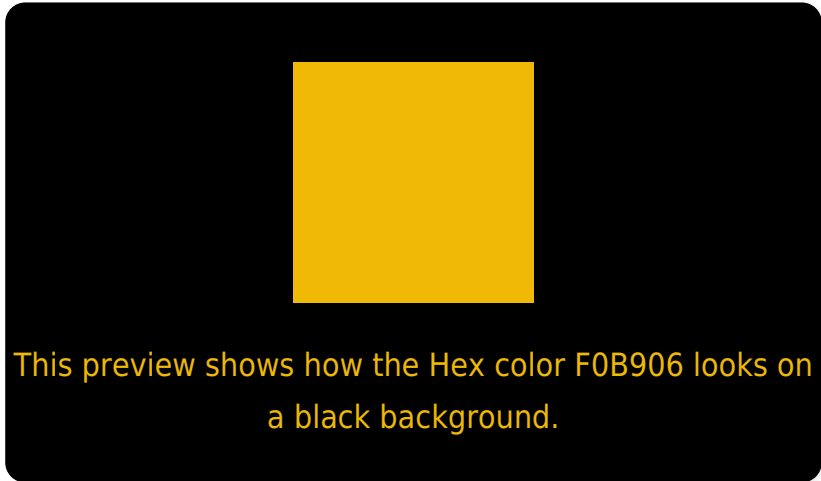
Large Text (above 18pt) WCAG AA × Fail

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 F0B906 Background



This preview shows how black text looks on a background with the Hex color F0B906.

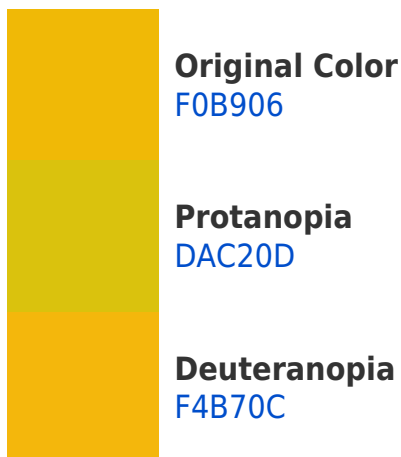


This preview shows how white text looks on a background with the Hex color F0B906.

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](#).

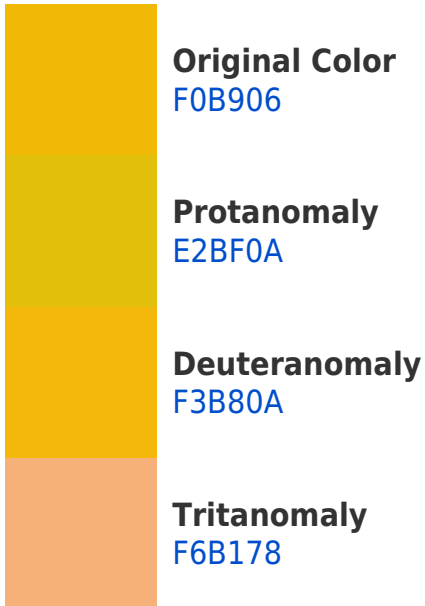
Dichromacy



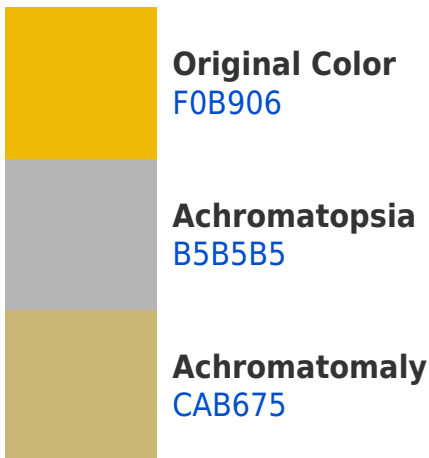


Tritanopia
F9ACB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F0B906 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 #F0B906 looks like.

```
.text, #text, p{  
    color:#F0B906  
}
```

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 #F0B906 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0B906
}
```

Border

The CSS property to change the border of an element to Hex F0B906 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
#F0B906 }
```

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

```
.border{ border-color:#F0B906 }
```

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

Here you see how a box with a 4 pixel #F0B906 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0B906; -webkit-box-shadow:4px 4px  
4px 4px #F0B906; box-shadow:4px 4px 4px  
4px #F0B906 }
```

Background

The CSS property to change the background color of an element to Hex F0B906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0B906 }
```

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

```
.background{ background-color:#F0B906 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor