

# Converting Colors

Hex(F6BD09)

Have a look what the booklet for  
Hex(F6BD09) contains.

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**Color**

**Hex(F6BD09)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6BD09
RGB	246, 189, 9
RGB Percent	96%, 74%, 4%
CMY	0.0353, 0.2588, 0.9647
CMYK	0.00, 0.23, 0.96, 0.04
HSL	46°, 93%, 50%
HSV	46°, 96%, 96%
XYZ	56.2529, 56.0077, 8.1042
YIQ	185.5230, 91.7520, -43.8960

# Conversions

## Conversions Part 2

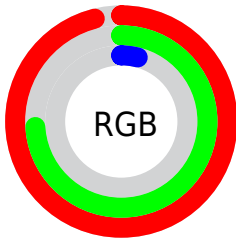
Format	Color
<a href="#">RYB</a>	<a href="#">84, 246, 9</a>
Decimal	<a href="#">16170249</a>
CIELab	<a href="#">79.62, 7.65, 80.73</a>
CIELCh	<a href="#">80, 81.091, 84.587</a>
Yxy	<a href="#">56.0077, 0.4674, 0.4653</a>
Android (android.graphics.Color)	<a href="#">4294360329</a> (0xFFFF6BD09)
YUV	<a href="#">185.5230, -87.0258, 53.0383</a>
Hunter-Lab	<a href="#">74.8383, 3.2042, 45.9664</a>

# Details

The Hex color **F6BD09** 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 **0942F6**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFF556**, and **B88800** is the 20% darker color. If you saturate the color by 10%, you get **F6BB00**, and if you desaturate by 10%, it is **F6C322**.

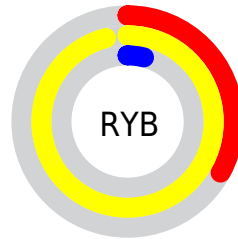
# Distribution



Red (96%)

Green (74%)

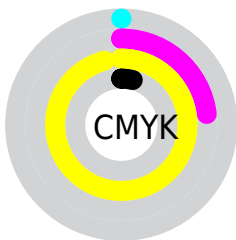
Blue (4%)



Red (33%)

Yellow (96%)

Blue (4%)

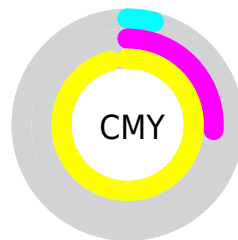


Cyan (0%)

Magenta (23%)

Yellow (96%)

Black (4%)



Cyan (4%)

Magenta (26%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F6BD09 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 F6BD09 by changing the saturation by 10% instead.



 F6BD09

 F6BD09

FFFFFF

 D7A200

 FFF556

 B88800

 FFFF73

 9A6F00

 FFFF90

 7D5700

 FFFFAD

 604000

 FFFPCA

 452A00

 FFFF7E

 2B1600

 0F0000

 000000

 F6BD09

 F6BD09

 F6BB00

 F6C322

 F6C93A

 F6CF53

 F6D56B

 F6DB84

 F6E09D

 F6E6B5

 F6ECCE

 F6F2E6

# Harmonies

## Analogous

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



FF9E48



F6BD09



AED424

# Triad

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



F6BD09



00E8FF



FF95FF

# Complementary

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



F6BD09



0942F6

# 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.



AAB7FF



F6BD09



00E2FF

# Square

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



F6BD09



00E8B5



00D2FF



FF7BD6

# Rectangle

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



F6BD09



6FDE51



00D2FF



F7A0FF



# Sweetspot

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



F6BD09



FFEDB5



F60944



807553



000000



808080



# Same Dimension

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



F6BD09



FFC200



BBF609



7A776E



BA8D00



3B2D00



# Inverse Universe

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



0942F6



003DFF



4409F6



6E717A



002DBA



000E3B



# Previews

## White Background



This preview shows how the Hex color F6BD09 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



This preview shows how the Hex color F6BD09 looks on a 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 F6BD09 Background



This preview shows how black text looks on a background with the Hex color F6BD09.



This preview shows how white text looks on a background with the Hex color F6BD09.

# Color Blindness Simulation

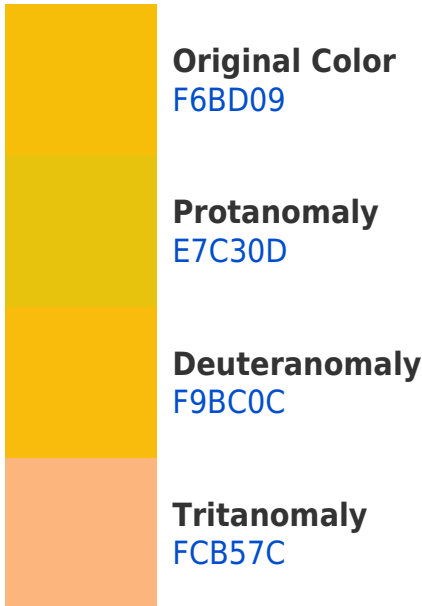
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F6BD09 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 #F6BD09 looks like.

```
.text, #text, p{  
    color:#F6BD09  
}
```

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 #F6BD09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F6BD09
}
```

## Border

The CSS property to change the border of an element to Hex F6BD09 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
#F6BD09 }
```

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

```
.border{ border-color:#F6BD09 }
```

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

Here you see how a box with a 4 pixel #F6BD09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F6BD09; -webkit-box-shadow:4px 4px  
4px 4px #F6BD09; box-shadow:4px 4px 4px  
4px #F6BD09 }
```

# Background

The CSS property to change the background color of an element to Hex F6BD09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F6BD09 }
```

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

```
.background{ background-color:#F6BD09 }
```

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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