

# Converting Colors

Hex(F6B010)

Have a look what the booklet for  
Hex(F6B010) contains.

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**Color**

**Hex(F6B010)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6B010
RGB	246, 176, 16
RGB Percent	96%, 69%, 6%
CMY	0.0353, 0.3098, 0.9373
CMYK	0.00, 0.28, 0.93, 0.04
HSL	42°, 93%, 51%
HSV	42°, 93%, 96%
XYZ	53.6249, 50.6809, 7.4463
YIQ	178.6900, 93.0800, -34.9200

# Conversions

## Conversions Part 2

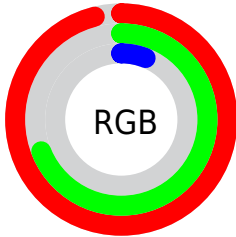
Format	Color
<a href="#">RYB</a>	<a href="#">117, 246, 16</a>
Decimal	<a href="#">16166928</a>
CIELab	<a href="#">76.49, 14.51, 77.67</a>
CIElCh	<a href="#">76, 79.013, 79.417</a>
Yxy	<a href="#">50.6809, 0.4799, 0.4535</a>
Android (android.graphics.Color)	<a href="#">4294357008</a> (0xFFFF6B010)
YUV	<a href="#">178.6900, -80.2062, 59.0309</a>
Hunter-Lab	<a href="#">71.1905, 9.8733, 43.6319</a>

# Details

The Hex color **F6B010** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **1056F6**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFE756**, and **B87C00** is the 20% darker color. If you saturate the color by 10%, you get **F6AB00**, and if you desaturate by 10%, it is **F6B729**.

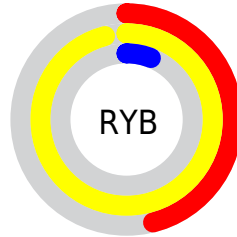
# Distribution



Red (96%)

Green (69%)

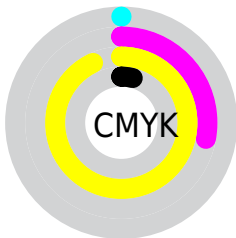
Blue (6%)



Red (46%)

Yellow (96%)

Blue (6%)

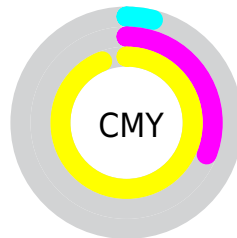


Cyan (0%)

Magenta (28%)

Yellow (93%)

Black (4%)



Cyan (4%)

Magenta (31%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F6B010 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 F6B010 by changing the saturation by 10% instead.



 F6B010

 F6B010

FFFFFF

 D79500

 FFE756

 B87C00

 FFFF72

 9A6300

 FFFF8F

 7C4B00

 FFFFAB

 5F3500

 FFFFC8

 441F00

 FFFF E6

 2A0B00

 000000

 F6B010

 F6B010

 F6AB00

 F6B729

 F6BF41

 F6C65A

 F6CE72

 F6D58B

 F6DDA4

 F6E4BC

 F6ECD5

 F6F3ED

# Harmonies

## Analogous

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



FF914E



F6B010



B3C713

# Triad

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



F6B010



00DFEB



FB93FF

# Complementary

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



F6B010



1056F6

# Split Complementary

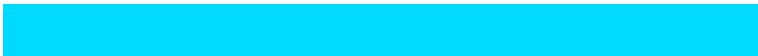
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87B4FF



F6B010



00DAFF

# Square

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



F6B010



00DD9F



00CDFE



FF77DA

# Rectangle

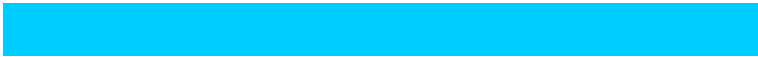
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F6B010



7BD240



00CDFF



DD9FFF



# Sweetspot

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



F6B010



FFE9B8



F61059



807254



000000



808080



# Same Dimension

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



F6B010



FFB100



CCF610



7A776E



BA8100



3B2900



# Inverse Universe

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



1056F6



004EFF



3A10F6



6E727A



0039BA



00123B



# Previews

## White Background



This preview shows how the Hex color F6B010 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 F6B010 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 F6B010 Background



This preview shows how black text looks on a background with the Hex color F6B010.



This preview shows how white text looks on a background with the Hex color F6B010.

# 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



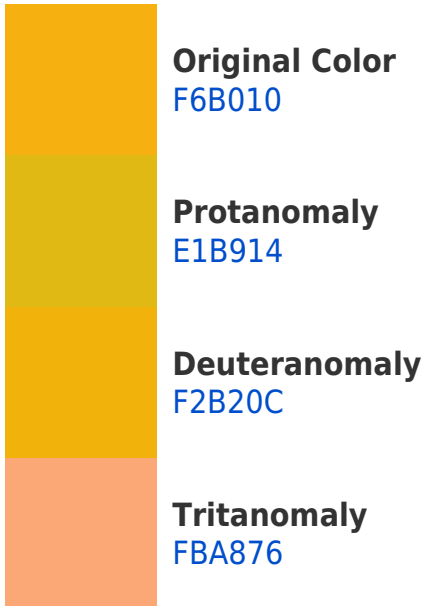
**Original Color**  
F6B010

**Protanopia**  
D5BE16

**Deuteranopia**  
EFB309



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F6B010 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 #F6B010 looks like.

```
.text, #text, p{  
    color:#F6B010  
}
```

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 #F6B010 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F6B010
}
```

## Border

The CSS property to change the border of an element to Hex F6B010 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
#F6B010 }
```

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

```
.border{ border-color:#F6B010 }
```

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

Here you see how a box with a 4 pixel #F6B010 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F6B010; -webkit-box-shadow:4px 4px  
4px 4px #F6B010; box-shadow:4px 4px 4px  
4px #F6B010 }
```

# Background

The CSS property to change the background color of an element to Hex F6B010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F6B010 }
```

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

```
.background{ background-color:#F6B010 }
```

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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