

Converting Colors

Hex(F6B50D)

Have a look what the booklet for
Hex(F6B50D) contains.

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Color

Hex(F6B50D)

Conversions

Conversions Part 1

Format	Color
Hex	F6B50D
RGB	246, 181, 13
RGB Percent	96%, 71%, 5%
CMY	0.0353, 0.2902, 0.9490
CMYK	0.00, 0.26, 0.95, 0.04
HSL	43°, 93%, 51%
HSV	43°, 95%, 96%
XYZ	54.6026, 52.6696, 7.6692
YIQ	181.2830, 92.6680, -38.4680

Conversions

Conversions Part 2

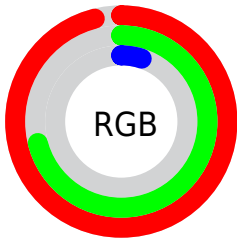
Format	Color
RYB	103, 246, 13
Decimal	16168205
CIELab	77.68, 11.86, 78.92
CIELCh	78, 79.806, 81.454
Yxy	52.6696, 0.4750, 0.4582
Android (android.graphics.Color)	4294358285 (0xFFFF6B50D)
YUV	181.2830, -82.9635, 56.7568
Hunter-Lab	72.5738, 7.2942, 44.5363

Details

The Hex color **F6B50D** 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 **0D4EF6**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFED56**, and **B88100** is the 20% darker color. If you saturate the color by 10%, you get **F6B100**, and if you desaturate by 10%, it is **F6BC26**.

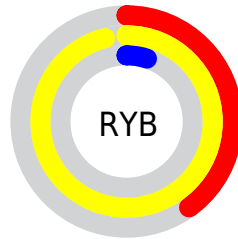
Distribution



Red (96%)

Green (71%)

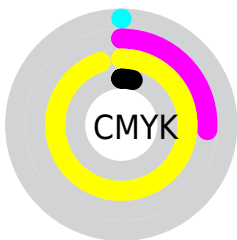
Blue (5%)



Red (40%)

Yellow (96%)

Blue (5%)

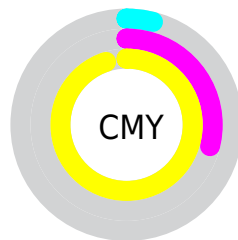


Cyan (0%)

Magenta (26%)

Yellow (95%)

Black (4%)



Cyan (4%)

Magenta (29%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color F6B50D 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 F6B50D by changing the saturation by 10% instead.

 F6B50D

 F6B50D

FFFFFF

 D79A00

 FFED56

 B88100

 FFFF73

 9A6800

 FFFF8F

 7C5000

 FFFFAC

 5F3900

 FFFFC9

 442400

 FFFFEE

 2A1000

 050000

 000000

 F6B50D

 F6B50D

 F6B100

 F6BC26

 F6C33E

 F6CA57

 F6D06F

 F6D788

 F6DEA1

 F6E5B9

 F6ECD2

 F6F3EA

Harmonies

Analogous

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



FF964C



F6B50D



B1CC1A

Triad

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



F6B50D



00E2F4



FF94FF

Complementary

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



F6B50D



0D4EF6

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.



95B5FF



F6B50D



00DDFF

Square

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



F6B50D



00E1A8



00CFFF



FF78D8

Rectangle

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



F6B50D



77D647



00CFFF



E79FFF

Sweetspot

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



F6B50D



FFEBB8



F60D4F



807354



000000



808080

Same Dimension

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



F6B50D



FFB800



C4F60D



7A776E



BA8600



3B2A00

Inverse Universe

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



0D4EF6



0047FF



3F0DF6



6E727A



0034BA



00103B

Previews

White Background



This preview shows how the Hex color F6B50D looks on a white background.

Color Contrast Check

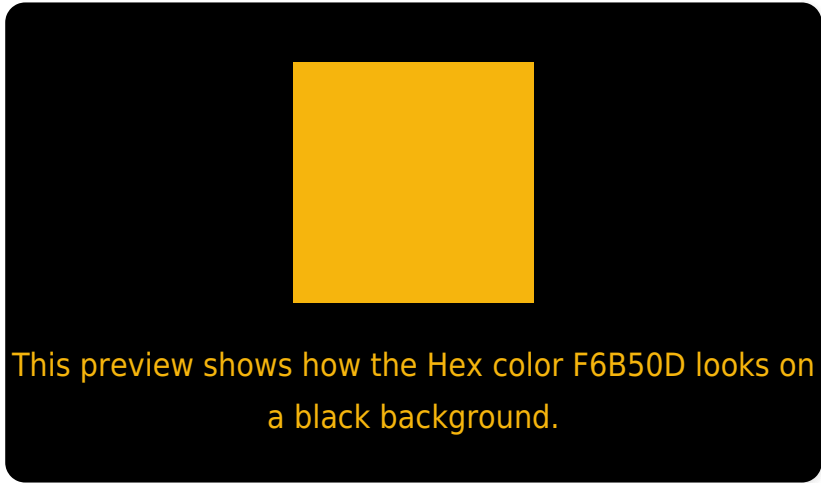
Large Text (above 18pt) WCAG AA × Fail

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 F6B50D Background



This preview shows how black text looks on a background with the Hex color F6B50D.



This preview shows how white text looks on a background with the Hex color F6B50D.

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
F6B50D

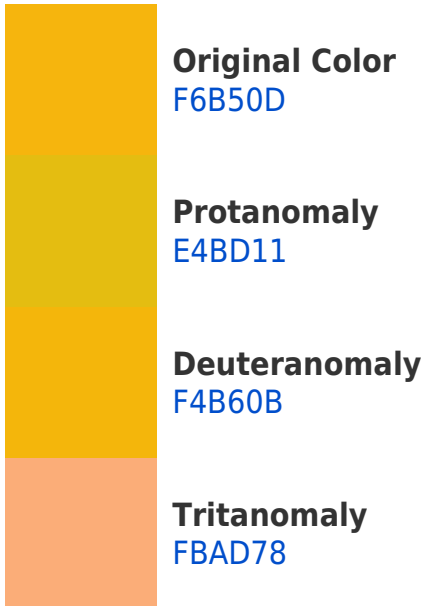
Protanopia
D9C113

Deuteranopia
F3B60A



Tritanopia
FEA8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F6B50D 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 #F6B50D looks like.

```
.text, #text, p{  
    color:#F6B50D  
}
```

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 #F6B50D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F6B50D
}
```

Border

The CSS property to change the border of an element to Hex F6B50D 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
#F6B50D }
```

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

```
.border{ border-color:#F6B50D }
```

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

Here you see how a box with a 4 pixel #F6B50D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F6B50D; -webkit-box-shadow:4px 4px  
4px 4px #F6B50D; box-shadow:4px 4px 4px  
4px #F6B50D }
```

Background

The CSS property to change the background color of an element to Hex F6B50D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F6B50D }
```

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

```
.background{ background-color:#F6B50D }
```

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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