

Converting Colors

Hex(F6B70E)

Have a look what the booklet for
Hex(F6B70E) contains.

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Color

Hex(F6B70E)

Conversions

Conversions Part 1

Format	Color
Hex	F6B70E
RGB	246, 183, 14
RGB Percent	96%, 72%, 5%
CMY	0.0353, 0.2824, 0.9451
CMYK	0.00, 0.26, 0.94, 0.04
HSL	44°, 93%, 51%
HSV	44°, 94%, 96%
XYZ	55.0188, 53.4915, 7.8406
YIQ	182.5710, 91.7970, -39.2030

Conversions

Conversions Part 2

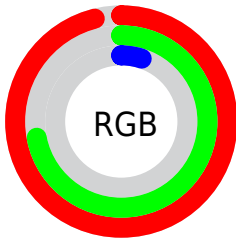
Format	Color
RYB	100, 246, 14
Decimal	16168718
CIELab	78.16, 10.82, 79.15
CIELCh	78, 79.882, 82.213
Yxy	53.4915, 0.4729, 0.4597
Android (android.graphics.Color)	4294358798 (0xFFFF6B70E)
YUV	182.5710, -83.1055, 55.6272
Hunter-Lab	73.1379, 6.2873, 44.8405

Details

The Hex color **F6B70E** 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 **0E4DF6**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFEF56**, and **B88200** is the 20% darker color. If you saturate the color by 10%, you get **F6B300**, and if you desaturate by 10%, it is **F6BE27**.

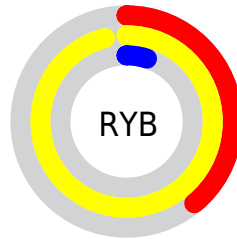
Distribution



Red (96%)

Green (72%)

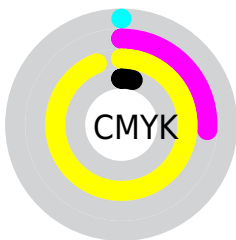
Blue (5%)



Red (39%)

Yellow (96%)

Blue (5%)

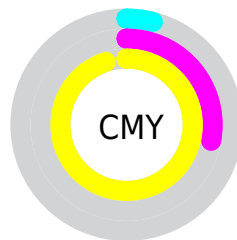


Cyan (0%)

Magenta (26%)

Yellow (94%)

Black (4%)



Cyan (4%)

Magenta (28%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color F6B70E 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 F6B70E by changing the saturation by 10% instead.

 F6B70E

 F6B70E

FFFFFF

 D79C00

 FFEF56

 B88200

 FFFF73

 9A6A00

 FFFF90

 7C5200

 FFFFAC

 603B00

 FFFFC9

 442500

 FFFF E7

 2A1100

 080000

 000000

 F6B70E

 F6B70E

 F6B300

 F6BE27

 F6C43F

 F6CB58

 F6D270

 F6D889

 F6DFA2

 F6E6BA

 F6ECD3

 F6F3EB

Harmonies

Analogous

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



FF984B



F6B70E



B1CE1E

Triad

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



F6B70E



00E4F7



FF94FF

Complementary

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



F6B70E



0E4DF6

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.



9BB6FF



F6B70E



00DEFF

Square

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



F6B70E



00E3AB



00D0FF



FF79D8

Rectangle

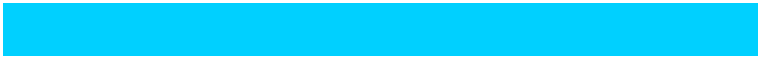
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F6B70E



76D849



00D0FF



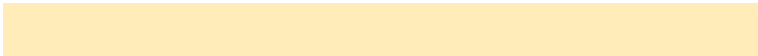
EBA0FF

Sweetspot

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



F6B70E



FFECB8



F60E50



807454



000000



808080

Same Dimension

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



F6B70E



FFBA00



C4F60E



7A776E



BA8800



3B2B00

Inverse Universe

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



0E4DF6



0045FF



400EF6



6E717A



0033BA



00103B

Previews

White Background



This preview shows how the Hex color F6B70E looks on a white background.

Color Contrast Check

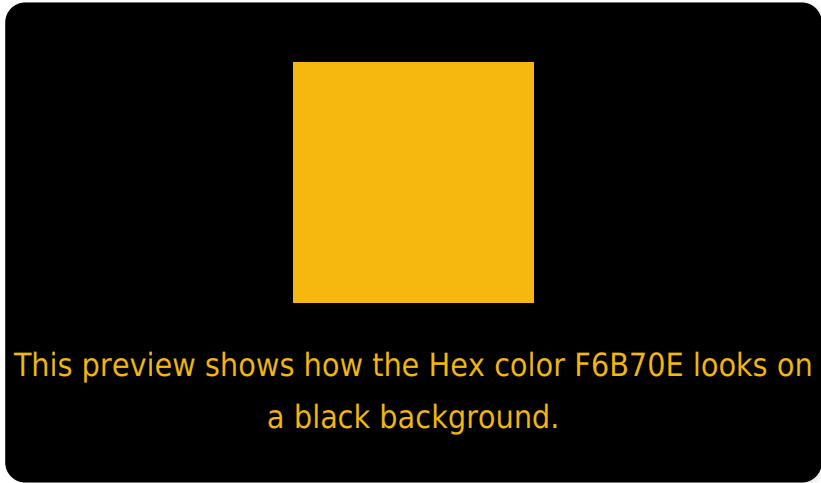
Large Text (above 18pt) WCAG AA × Fail

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 F6B70E Background



This preview shows how black text looks on a background with the Hex color F6B70E.



This preview shows how white text looks on a background with the Hex color F6B70E.

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
F6B70E

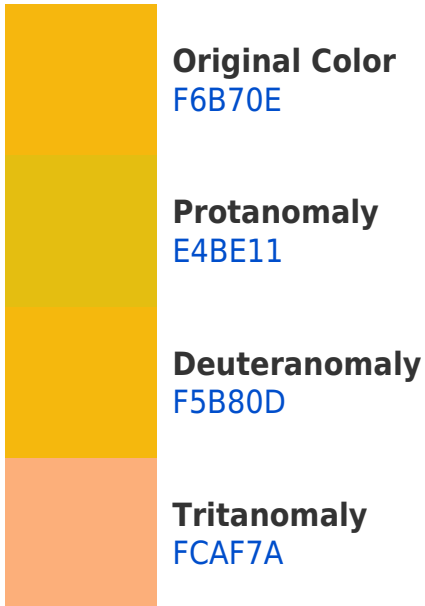
Protanopia
DAC213

Deuteranopia
F5B80D



Tritanopia
FFAAB7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F6B70E 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 #F6B70E looks like.

```
.text, #text, p{  
    color:#F6B70E  
}
```

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 #F6B70E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F6B70E
}
```

Border

The CSS property to change the border of an element to Hex F6B70E 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
#F6B70E }
```

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

```
.border{ border-color:#F6B70E }
```

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

Here you see how a box with a 4 pixel #F6B70E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F6B70E; -webkit-box-shadow:4px 4px  
4px 4px #F6B70E; box-shadow:4px 4px 4px  
4px #F6B70E }
```

Background

The CSS property to change the background color of an element to Hex F6B70E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F6B70E }
```

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

```
.background{ background-color:#F6B70E }
```

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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