

Converting Colors

Hex(F6B417)

Have a look what the booklet for
Hex(F6B417) contains.

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Color

Hex(F6B417)

Conversions

Conversions Part 1

Format	Color
Hex	F6B417
RGB	246, 180, 23
RGB Percent	96%, 71%, 9%
CMY	0.0353, 0.2941, 0.9098
CMYK	0.00, 0.27, 0.91, 0.04
HSL	42°, 93%, 53%
HSV	42°, 91%, 96%
XYZ	54.4819, 52.2972, 8.0335
YIQ	181.8360, 89.7330, -34.8350

Conversions

Conversions Part 2

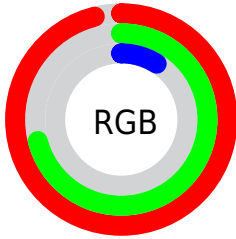
Format	Color
RYB	117, 246, 23
Decimal	16167959
CIELab	77.46, 12.51, 77.25
CIELCh	77, 78.257, 80.804
Yxy	52.2972, 0.4745, 0.4555
Android (android.graphics.Color)	4294358039 (0xFFFF6B417)
YUV	181.8360, -78.3061, 56.2718
Hunter-Lab	72.3168, 7.9237, 44.0354

Details

The Hex color **F6B417** 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 **1759F6**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFEC5A**, and **B88000** is the 20% darker color. If you saturate the color by 10%, you get **F6AD00**, and if you desaturate by 10%, it is **F6BB30**.

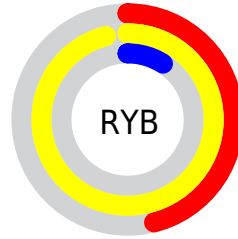
Distribution



Red (96%)

Green (71%)

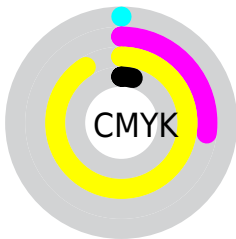
Blue (9%)



Red (46%)

Yellow (96%)

Blue (9%)

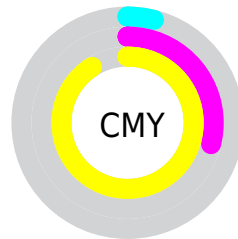


Cyan (0%)

Magenta (27%)

Yellow (91%)

Black (4%)



Cyan (4%)

Magenta (29%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color F6B417 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 F6B417 by changing the saturation by 10% instead.

 F6B417

 F6B417

FFFFFF

 D79900

 FFEC5A

 B88000

 FFFF76

 9A6700

 FFFF92

 7C4F00

 FFFFAF

 603800

 FFFFCC

 442300

 FFFFEE

 2A0F00

 040000

 000000

 F6B417

 F6B417

 F6AD00

 F6BB30

 F6C348

 F6CA61

 F6D179

 F6D892

 F6E0AB

 F6E7C3

 F6EEDC

 F6F6F4

Harmonies

Analogous

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



FF964F



F6B417



B3CB1F

Triad

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



F6B417



00E1F1



FF95FF

Complementary

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



F6B417



1759F6

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.



93B6FF



F6B417



00DCFF

Square

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



F6B417



00E0A6



00CEFF



FF7AD9

Rectangle

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



F6B417



7AD548



00CEFF



E4A0FF

Sweetspot

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



F6B417



FFEBBA



F6175A



807357



000000



808080

Same Dimension

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



F6B417



FFB400



C9F617



7A776E



BA8300



3B2900

Inverse Universe

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



1759F6



004BFF



4417F6



6E727A



0037BA



00113B

Previews

White Background



This preview shows how the Hex color F6B417 looks on a white background.

Color Contrast Check

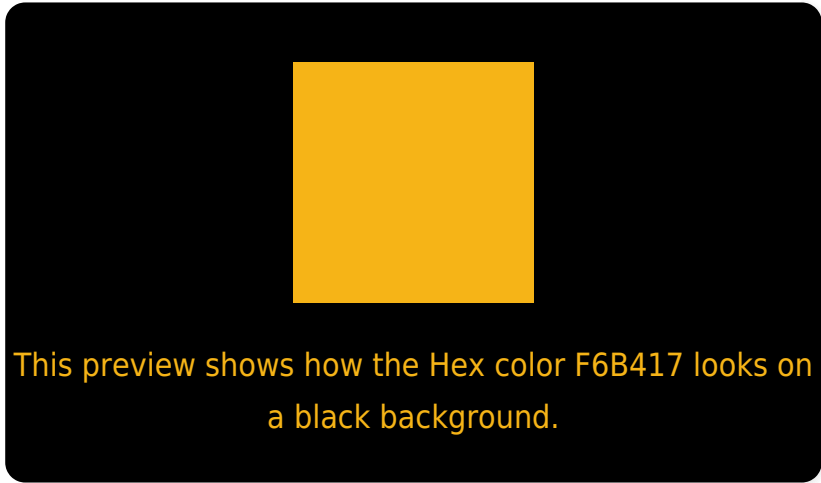
Large Text (above 18pt) WCAG AA × Fail

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 F6B417 Background



This preview shows how black text looks on a background with the Hex color F6B417.



This preview shows how white text looks on a background with the Hex color F6B417.

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
F6B417

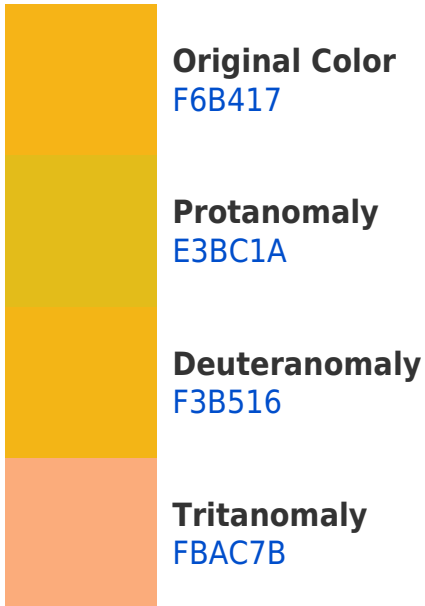
Protanopia
D8C01B

Deuteranopia
F2B615



Tritanopia
FEA7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F6B417 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 #F6B417 looks like.

```
.text, #text, p{  
    color:#F6B417  
}
```

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 #F6B417 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F6B417
}
```

Border

The CSS property to change the border of an element to Hex F6B417 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
#F6B417 }
```

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

```
.border{ border-color:#F6B417 }
```

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

Here you see how a box with a 4 pixel #F6B417 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F6B417; -webkit-box-shadow:4px 4px  
4px 4px #F6B417; box-shadow:4px 4px 4px  
4px #F6B417 }
```

Background

The CSS property to change the background color of an element to Hex F6B417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F6B417 }
```

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

```
.background{ background-color:#F6B417 }
```

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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