

Converting Colors

Hex(F6CF47)

Have a look what the booklet for
Hex(F6CF47) contains.

Hex(F6CF47)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F6CF47)

Conversions

Conversions Part 1

Format	Color
Hex	F6CF47
RGB	246, 207, 71
RGB Percent	96%, 81%, 28%
CMY	0.0353, 0.1882, 0.7216
CMYK	0.00, 0.16, 0.71, 0.04
HSL	47°, 91%, 62%
HSV	47°, 71%, 96%
XYZ	61.4562, 64.6734, 15.2054
YIQ	203.1570, 66.9000, -34.0280

Conversions

Conversions Part 2

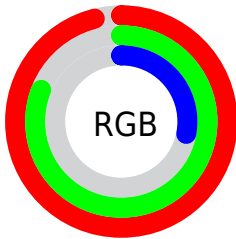
Format	Color
RYB	121, 246, 71
Decimal	16174919
CIELab	84.32, -0.03, 69.19
CIELCh	84, 69.194, 90.027
Yxy	64.6734, 0.4348, 0.4576
Android (android.graphics.Color)	4294364999 (0xFFFF6CF47)
YUV	203.1570, -65.1534, 37.5733
Hunter-Lab	80.4198, -4.3263, 45.0836

Details

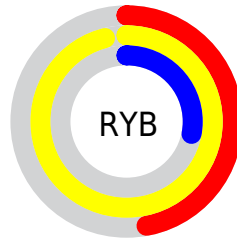
The Hex color **F6CF47** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **476EF6**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFFF7F**, and **BA9900** is the 20% darker color. If you saturate the color by 10%, you get **F6CA2E**, and if you desaturate by 10%, it is **F6D460**.

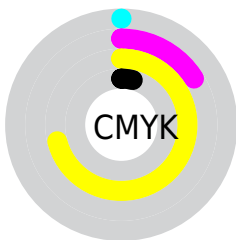
Distribution



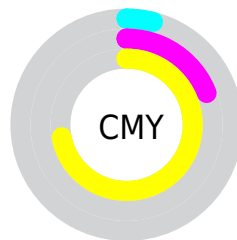
- Red (96%)
- Green (81%)
- Blue (28%)



- Red (47%)
- Yellow (96%)
- Blue (28%)



- Cyan (0%)
- Magenta (16%)
- Yellow (71%)
- Black (4%)



- Cyan (4%)
- Magenta (19%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color F6CF47 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 F6CF47 by changing the saturation by 10% instead.

 F6CF47

 F6CF47

FFFFFF

 D8B429

 FFFF7F

 BA9900

 FFFF9B

 9C7F00

 FFFFB7

 806700

 FFFFD4

 634F00

 FFFFF1

 483800

 2E2300

 150E00

 000000

 F6CF47

 F6CF47

 F6CA2E

 F6D460

 F6C416

 F6DA78

 F6BF00

 F6DF91

 F6E5A9

 F6EAC2

 F6F0DB

 F6F5F3

 F6FBFF

 F6FFFF

Harmonies

Analogous

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



FFB761



F6CF47



B4E25A

Triad

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



F6CF47



00F1FF



FFA7FF

Complementary

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



F6CF47



476EF6

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.



D4C1FF



F6CF47



00EAFF

Square

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



F6CF47



00F2D0



34DAFF



FF98D5

Rectangle

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



F6CF47



7EEA7B



34DAFF



FFAFFF

Sweetspot

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



F6CF47



FFF3C9



F64770



807860



000000



808080

Same Dimension

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



F6CF47



FFCF26



C7F647



7A786E



BA9100



3B2E00

Inverse Universe

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



476EF6



2657FF



7647F6



6E717A



0029BA



000D3B

Previews

White Background



This preview shows how the Hex color F6CF47 looks on a white background.

Color Contrast Check

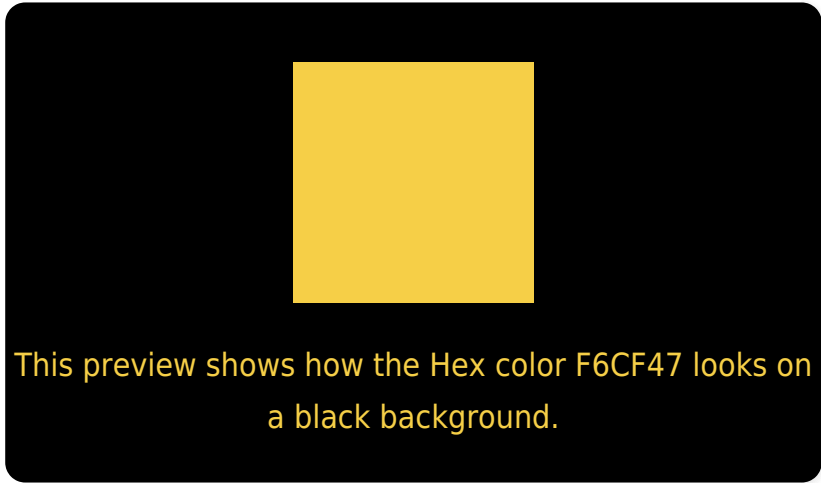
Large Text (above 18pt) WCAG AA × Fail

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 F6CF47 Background



This preview shows how black text looks on a background with the Hex color F6CF47.



This preview shows how white text looks on a background with the Hex color F6CF47.

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
F6CF47

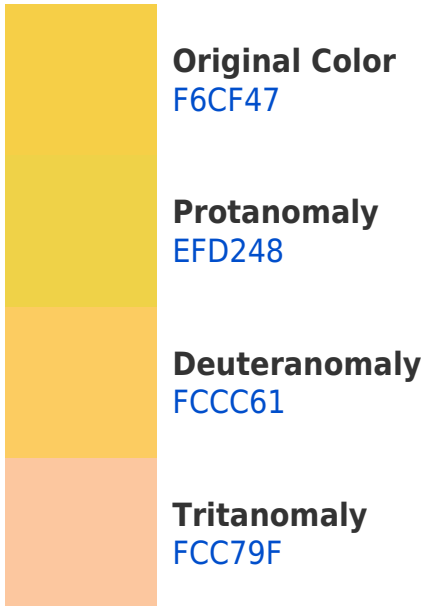
Protanopia
EBD348

Deuteranopia
FFCA70

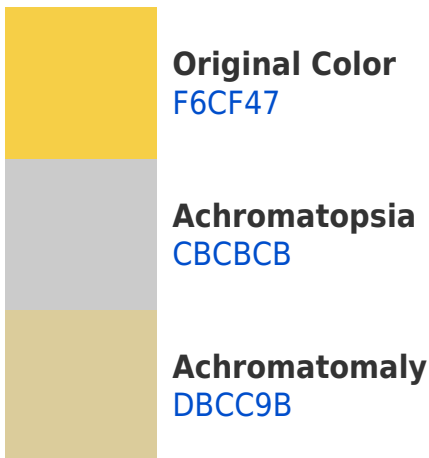


Tritanopia
FFC2D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F6CF47 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 #F6CF47 looks like.

```
.text, #text, p{  
    color:#F6CF47  
}
```

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 #F6CF47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F6CF47
}
```

Border

The CSS property to change the border of an element to Hex F6CF47 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
#F6CF47 }
```

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

```
.border{ border-color:#F6CF47 }
```

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

Here you see how a box with a 4 pixel #F6CF47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F6CF47; -webkit-box-shadow:4px 4px  
4px 4px #F6CF47; box-shadow:4px 4px 4px  
4px #F6CF47 }
```

Background

The CSS property to change the background color of an element to Hex F6CF47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F6CF47 }
```

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

```
.background{ background-color:#F6CF47 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor