

Converting Colors

Hex(F6CB66)

Have a look what the booklet for
Hex(F6CB66) contains.

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Color

Hex(F6CB66)

Conversions

Conversions Part 1

Format	Color
Hex	F6CB66
RGB	246, 203, 102
RGB Percent	96%, 80%, 40%
CMY	0.0353, 0.2039, 0.6000
CMYK	0.00, 0.17, 0.59, 0.04
HSL	42°, 89%, 68%
HSV	42°, 59%, 96%
XYZ	61.7602, 63.2640, 21.5264
YIQ	204.3430, 58.0490, -22.2950

Conversions

Conversions Part 2

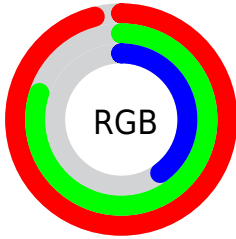
Format	Color
R_{YB}	163, 246, 102
Decimal	16173926
CIE _{Lab}	83.58, 3.84, 55.18
CIE _{LCh}	84, 55.314, 86.016
Yxy	63.2640, 0.4214, 0.4317
Android (android.graphics.Color)	4294364006 (0xFFFF6CB66)
YUV	204.3430, -50.4551, 36.5332
Hunter-Lab	79.5387, -0.5909, 39.6308

Details

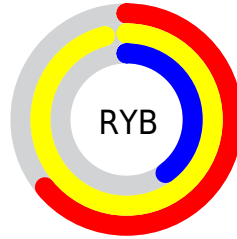
The Hex color **F6CB66** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **6691F6**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFFF9C**, and **BB9531** is the 20% darker color. If you saturate the color by 10%, you get **F6C44D**, and if you desaturate by 10%, it is **F6D27F**.

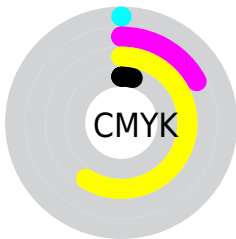
Distribution



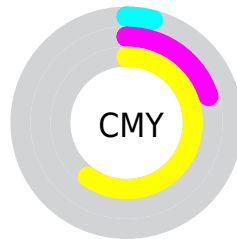
- Red (96%)
- Green (80%)
- Blue (40%)



- Red (64%)
- Yellow (96%)
- Blue (40%)



- Cyan (0%)
- Magenta (17%)
- Yellow (59%)
- Black (4%)



- Cyan (4%)
- Magenta (20%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color F6CB66 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 F6CB66 by changing the saturation by 10% instead.

 F6CB66

 F6CB66

FFFFFF

 D8B04C

 FFFF9C

 BB9531

 FFFFB7

 9E7C14

 FFFFD4

 816300

 FFFFF1

 664B00

 4B3500

 312000

 180900

 000000

 F6CB66

 F6CB66

 F6C44D

 F6D27F

 F6BC35

 F6DA97

 F6B51C

 F6E1B0

 F6AE04

 F6E8C8

 F6AD00

 F6F0E1

 F6F7FA

 F6FEFF

 F6FFFF

Harmonies

Analogous

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



FFB87B



F6CB66



C2DB6F

Triad

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



F6CB66



00EAFC



FFB2FF

Complementary

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



F6CB66



6691F6

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.



CAC5FF



F6CB66



00E4FF

Square

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



F6CB66



00EBC7



66D8FF



FFA6D9

Rectangle

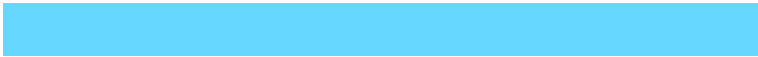
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F6CB66



9AE386



66D8FF



F8B8FF

Sweetspot

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



F6CB66



FFF1D1



F66691



807763



000000



808080

Same Dimension

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



F6CB66



FFCA4D



D9F666



7A776E



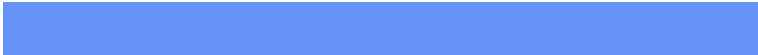
BA8300



3B2900

Inverse Universe

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



6691F6



4D82FF



8366F6



6E727A



0038BA



00123B

Previews

White Background



This preview shows how the Hex color F6CB66 looks on a white background.

Color Contrast Check

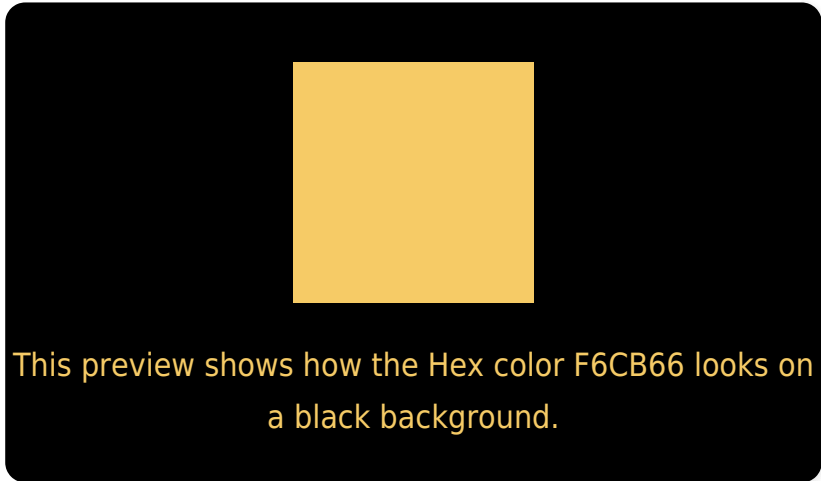
Large Text (above 18pt) WCAG AA × Fail

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 F6CB66 Background



This preview shows how black text looks on a background with the Hex color F6CB66.



This preview shows how white text looks on a background with the Hex color F6CB66.

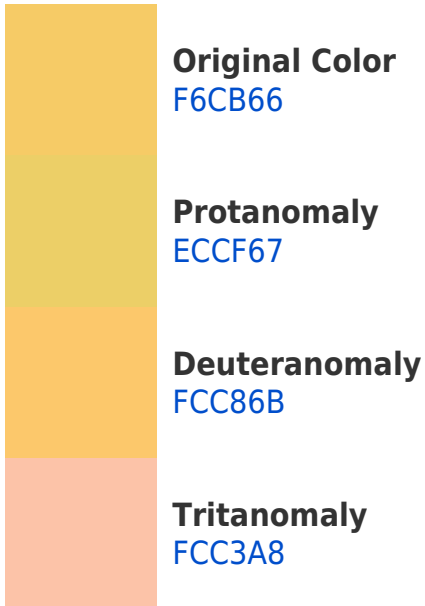
Color Blindness Simulation

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](#).

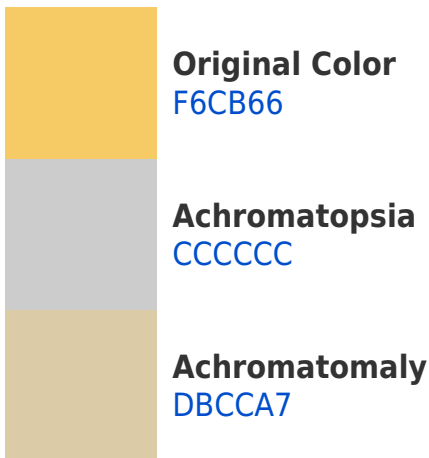
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F6CB66 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 #F6CB66 looks like.

```
.text, #text, p{  
  color:#F6CB66  
}
```

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 #F6CB66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F6CB66  
}
```

Border

The CSS property to change the border of an element to Hex F6CB66 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  
#F6CB66 }
```

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

```
.border{ border-color:#F6CB66 }
```

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

Here you see how a box with a 4 pixel #F6CB66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F6CB66; -webkit-box-shadow:4px 4px  
4px 4px #F6CB66; box-shadow:4px 4px 4px  
4px #F6CB66 }
```

Background

The CSS property to change the background color of an element to Hex F6CB66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F6CB66 }
```

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

```
.background{ background-color:#F6CB66 }
```

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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