

# Converting Colors

Hex(F2CC6B)

Have a look what the booklet for  
Hex(F2CC6B) contains.

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# **Color**

**Hex(F2CC6B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2CC6B
RGB	242, 204, 107
RGB Percent	95%, 80%, 42%
CMY	0.0510, 0.2000, 0.5804
CMYK	0.00, 0.16, 0.56, 0.05
HSL	43°, 84%, 68%
HSV	43°, 56%, 95%
XYZ	60.8647, 63.1245, 22.8863
YIQ	204.3040, 53.7850, -22.1110

# Conversions

## Conversions Part 2

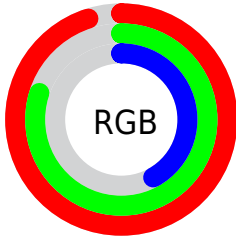
Format	Color
<a href="#">RYB</a>	<a href="#">160, 242, 107</a>
Decimal	<a href="#">15912043</a>
CIELab	<a href="#">83.51, 2.06, 52.65</a>
CIELCh	<a href="#">84, 52.691, 87.764</a>
Yxy	<a href="#">63.1245, 0.4144, 0.4298</a>
Android (android.graphics.Color)	<a href="#">4294102123</a> ( <a href="#">0xFFFF2CC6B</a> )
YUV	<a href="#">204.3040, -47.9709, 33.0594</a>
Hunter-Lab	<a href="#">79.4509, -2.2964, 38.5369</a>

# Details

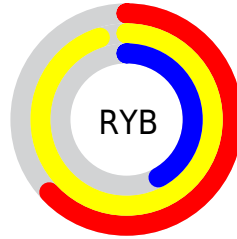
The Hex color **F2CC6B** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **6B91F2**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFFA1**, and **B79637** is the 20% darker color. If you saturate the color by 10%, you get **F2C553**, and if you desaturate by 10%, it is **F2D383**.

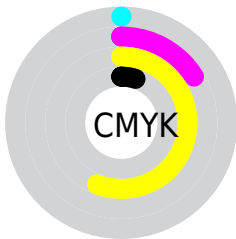
# Distribution



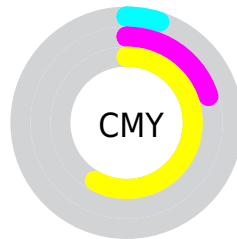
- Red (95%)
- Green (80%)
- Blue (42%)



- Red (63%)
- Yellow (95%)
- Blue (42%)



- Cyan (0%)
- Magenta (16%)
- Yellow (56%)
- Black (5%)



- Cyan (5%)
- Magenta (20%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F2CC6B 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 F2CC6B by changing the saturation by 10% instead.



 F2CC6B

 F2CC6B

FFFFFF

 D4B151

 FFFFA1

 B79637

 FFFFBC

 9A7C1C

 FFFFD9

 7E6400

 FFFFF6

 634C00

 483600

 2F2100

 150B00

 000000

 F2CC6B

 F2CC6B

 F2C553

 F2D383

 F2BE3B

 F2DA9B

 F2B822

 F2E0B4

 F2B10A

 F2E7CC

 F2AE00

 F2EEE4

 F2F5FC

 F2FCFF

 F2FFFF

# Harmonies

## Analogous

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



FFBA7D



F2CC6B



C0DB76

# Triad

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



F2CC6B



00E9FD



FFB2FF

# Complementary

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



F2CC6B



6B91F2

# 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.



CFC5FF



F2CC6B



00E3FF

# Square

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



F2CC6B



1CEACB



76D6FF



FFA8D6

# Rectangle

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



F2CC6B



99E28B



76D6FF



FAB8FF



# Sweetspot

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



F2CC6B



FFF3D4



F26B91



807866



000000



808080



# Same Dimension

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



F2CC6B



FFCF54



D5F26B



78746C



B88400



382800



# Inverse Universe

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



6B91F2



5484FF



886BF2



6C6F78



0034B8



001038



# Previews

## White Background



This preview shows how the Hex color F2CC6B looks on a white background.

## Color Contrast Check

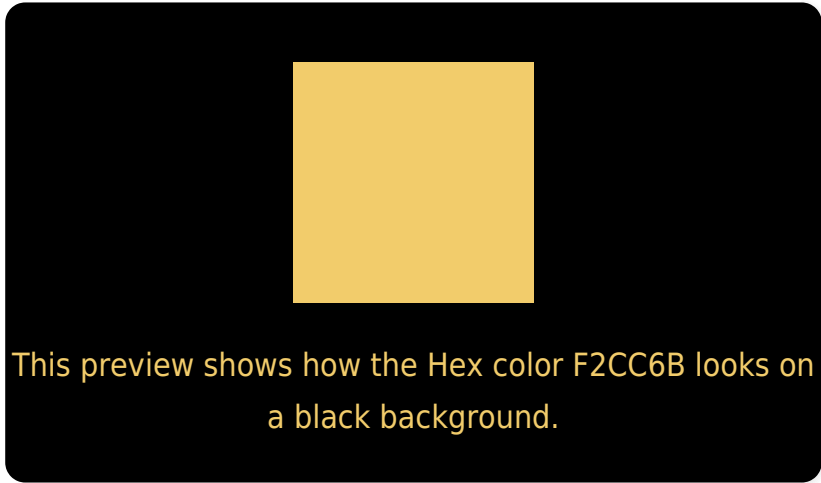
Large Text (above 18pt) WCAG AA × Fail

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 F2CC6B Background



This preview shows how black text looks on a background with the Hex color F2CC6B.

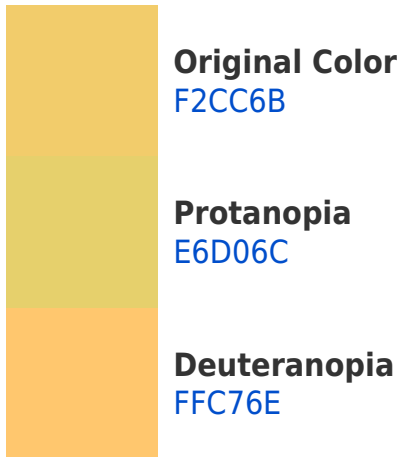


This preview shows how white text looks on a background with the Hex color F2CC6B.

# 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](#).

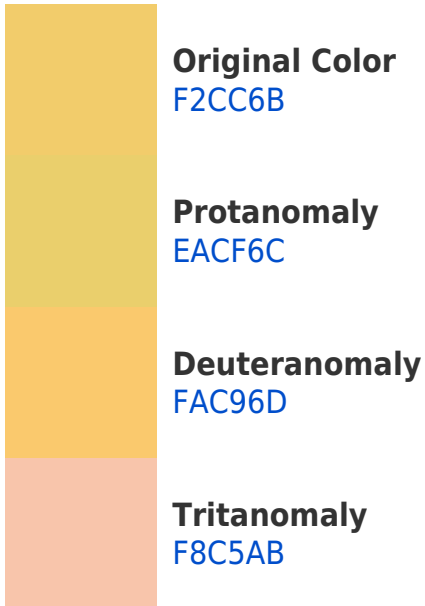
## Dichromacy



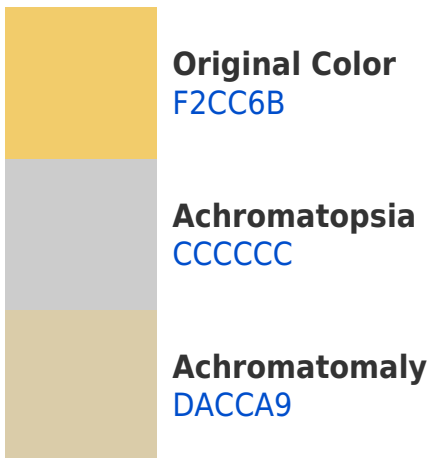


**Tritanopia**  
FBC1D0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F2CC6B 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 #F2CC6B looks like.

```
.text, #text, p{  
    color:#F2CC6B  
}
```

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 #F2CC6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F2CC6B
}
```

## Border

The CSS property to change the border of an element to Hex F2CC6B 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
#F2CC6B }
```

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

```
.border{ border-color:#F2CC6B }
```

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

Here you see how a box with a 4 pixel #F2CC6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F2CC6B; -webkit-box-shadow:4px 4px  
4px 4px #F2CC6B; box-shadow:4px 4px 4px  
4px #F2CC6B }
```

# Background

The CSS property to change the background color of an element to Hex F2CC6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F2CC6B }
```

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

```
.background{ background-color:#F2CC6B }
```

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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