

# Converting Colors

Hex(FCC84C)

Have a look what the booklet for  
Hex(FCC84C) contains.

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**Color**

**Hex(FCC84C)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | FCC84C                      |
| RGB         | 252, 200, 76                |
| RGB Percent | 99%, 78%, 30%               |
| CMY         | 0.0118, 0.2157, 0.7020      |
| CMYK        | 0.00, 0.21, 0.70, 0.01      |
| HSL         | 42°, 97%, 64%               |
| HSV         | 42°, 70%, 99%               |
| XYZ         | 62.1037, 62.5258, 15.6329   |
| YIQ         | 201.4120, 70.7960, -27.5400 |

# Conversions

## Conversions Part 2

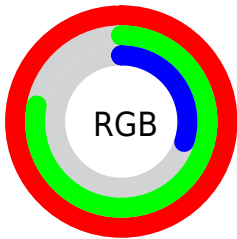
| Format                              | Color                                                       |
|-------------------------------------|-------------------------------------------------------------|
| <a href="#">RYB</a>                 | <a href="#">150, 252, 76</a>                                |
| Decimal                             | <a href="#">16566348</a>                                    |
| CIELab                              | <a href="#">83.19, 6.32, 66.29</a>                          |
| CIELCh                              | <a href="#">83, 66.595, 84.554</a>                          |
| Yxy                                 | <a href="#">62.5258, 0.4428, 0.4458</a>                     |
| Android<br>(android.graphics.Color) | <a href="#">4294756428</a><br>( <a href="#">0xFFFC84C</a> ) |
| YUV                                 | <a href="#">201.4120, -61.8281, 44.3657</a>                 |
| Hunter-Lab                          | <a href="#">79.0733, 1.8146, 43.6295</a>                    |

# Details

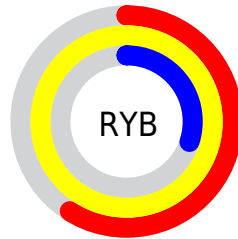
The Hex color **FCC84C** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed yellow. A complement of this color would be **4C80FC**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFFF83**, and **BF9209** is the 20% darker color. If you saturate the color by 10%, you get **FCC133**, and if you desaturate by 10%, it is **FCCF65**.

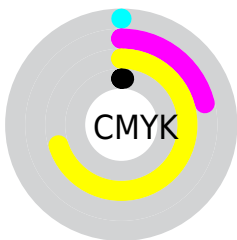
# Distribution



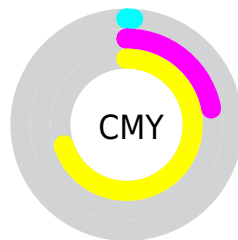
- Red (99%)
- Green (78%)
- Blue (30%)



- Red (59%)
- Yellow (99%)
- Blue (30%)



- Cyan (0%)
- Magenta (21%)
- Yellow (70%)
- Black (1%)



- Cyan (1%)
- Magenta (22%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FCC84C 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 FCC84C by changing the saturation by 10% instead.



 FCC84C

 FCC84C

FFFFFF

 DDAD2F

 FFFF83

 BF9209

 FFFF9F

 A27900

 FFFFBB

 856000

 FFFF80

 684900

 FFFF50

 4D3300

 321E00

 1A0600

 000000

 FCC84C

 FCC84C

 FCC133

 FCCF65

 FCB91A

 FCD77E

 FCB200

 FCDE98

 FCE6B1

 FCEDCA

 FCF5E3

 FCF0FC

 FCFFFF

# Harmonies

## Analogous

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



FFB06A



FCC84C



BFDB56

# Triad

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



FCC84C



00EEFF



FFAAFF

# Complementary

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



FCC84C



4C80FC

# 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.



BFC3FF



FCC84C



00E8FF

# Square

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



FCC84C



00EDC1



00DAFF



FF99DD

# Rectangle

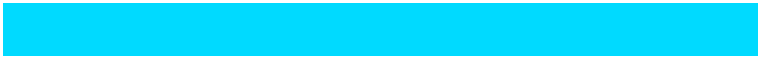
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FCC84C



8EE472



00DAFF



FAB2FF



# Sweetspot

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



FCC84C



FFEFC9



FC4C81



807660



000000



808080



# Same Dimension

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



FCC84C



FFC029



D9FC4C



7D7970



BD8500



3D2B00



# Inverse Universe

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



4C80FC



2968FF



6F4CFC



70747D



0038BD



00123D



# Previews

## White Background



This preview shows how the Hex color FCC84C looks on a white background.

## Color Contrast Check

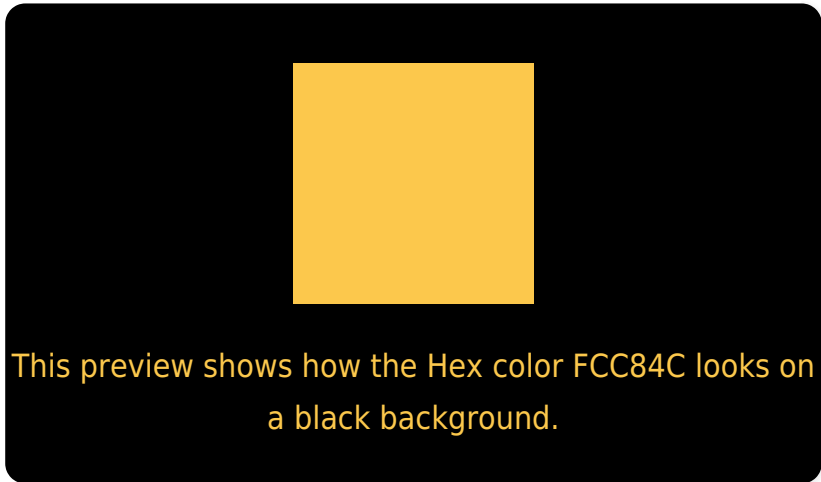
Large Text (above 18pt) WCAG AA × Fail

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 FCC84C Background



This preview shows how black text looks on a background with the Hex color FCC84C.



This preview shows how white text looks on a background with the Hex color FCC84C.

# 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



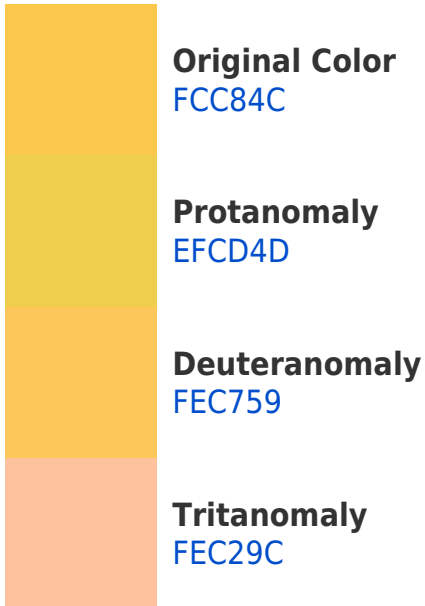
**Original Color**  
FCC84C

**Protanopia**  
E8D04E

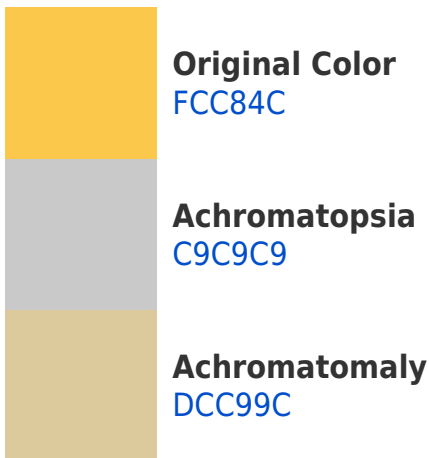
**Deuteranopia**  
FFC660



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FCC84C 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 #FCC84C looks like.

```
.text, #text, p{  
    color:#FCC84C  
}
```

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 #FCC84C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FCC84C
}
```

## Border

The CSS property to change the border of an element to Hex FCC84C 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
#FCC84C }
```

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

```
.border{ border-color:#FCC84C }
```

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

Here you see how a box with a 4 pixel #FCC84C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FCC84C; -webkit-box-shadow:4px 4px  
4px 4px #FCC84C; box-shadow:4px 4px 4px  
4px #FCC84C }
```

# Background

The CSS property to change the background color of an element to Hex FCC84C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FCC84C }
```

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

```
.background{ background-color:#FCC84C }
```

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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