

# Converting Colors

Hex(F5C47B)

Have a look what the booklet for  
Hex(F5C47B) contains.

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# **Color**

**Hex(F5C47B)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | F5C47B                      |
| RGB         | 245, 196, 123               |
| RGB Percent | 96%, 77%, 48%               |
| CMY         | 0.0392, 0.2314, 0.5176      |
| CMYK        | 0.00, 0.20, 0.50, 0.04      |
| HSL         | 36°, 86%, 72%               |
| HSV         | 36°, 50%, 96%               |
| XYZ         | 60.9713, 60.3224, 27.1687   |
| YIQ         | 202.3290, 52.6370, -12.3150 |

# Conversions

## Conversions Part 2

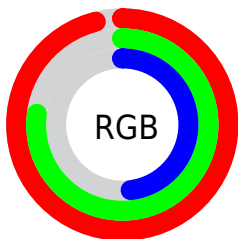
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 205, 245, 123                  |
| Decimal                             | 16106619                       |
| CIE Lab                             | 82.01, 8.75, 43.08             |
| CIE LCh                             | 82, 43.956, 78.518             |
| Yxy                                 | 60.3224, 0.4107,<br>0.4063     |
| Android<br>(android.graphics.Color) | 4294296699<br>(0xFFFF5C47B)    |
| YUV                                 | 202.3290, -39.1092,<br>37.4225 |
| Hunter-Lab                          | 77.6675, 4.2096,<br>33.6271    |

# Details

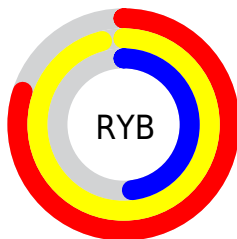
The Hex color **F5C47B** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **7BACF5**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFDB1**, and **BA8E48** is the 20% darker color. If you saturate the color by 10%, you get **F5BA62**, and if you desaturate by 10%, it is **F5CE93**.

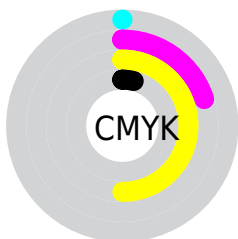
# Distribution



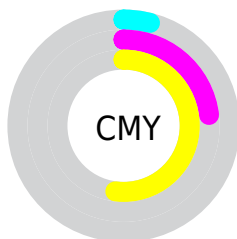
- Red (96%)
- Green (77%)
- Blue (48%)



- Red (80%)
- Yellow (96%)
- Blue (48%)



- Cyan (0%)
- Magenta (20%)
- Yellow (50%)
- Black (4%)



- Cyan (4%)
- Magenta (23%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F5C47B 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 F5C47B by changing the saturation by 10% instead.



 F5C47B

 F5C47B

FFFFFF

 D7A961

 FFFDB1

 BA8E48

 FFFFCC

 9E7530

 FFFFEE

 825C17

 664500

 4C2F00

 321A00

 1A0000

 000000

 F5C47B

 F5C47B

 F5BA62

 F5CE93

 F5B04A

 F5D8AC

 F5A631

 F5E2C4

 F59D19

 F5EBDD

 F59300

 F5F5F6

 F5FFFF

# Harmonies

## Analogous

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



FFB690



F5C47B



CDD17C

# Triad

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



F5C47B



24E2E5



F0B8FF

# Complementary

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



F5C47B



7BACF5

# 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.



B9C7FF



F5C47B



1FDEFF

# Square

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



F5C47B



68E1BA



73D5FF



FFADDE

# Rectangle

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



F5C47B



AFD98A



73D5FF



E0BDFF



# Sweetspot

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



F5C47B



FFF0D9



F57BAE



807669



000000



808080



# Same Dimension

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



F5C47B



FFC266



EBF57B



7A756E



BA6F00



3B2300

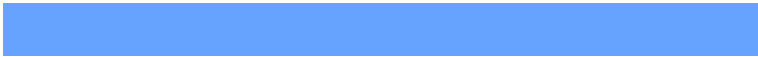


# Inverse Universe

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



7BACF5



66A3FF



857BF5



6E737A



004BBA



00183B



# Previews

## White Background



This preview shows how the Hex color F5C47B looks on a white background.

## Color Contrast Check

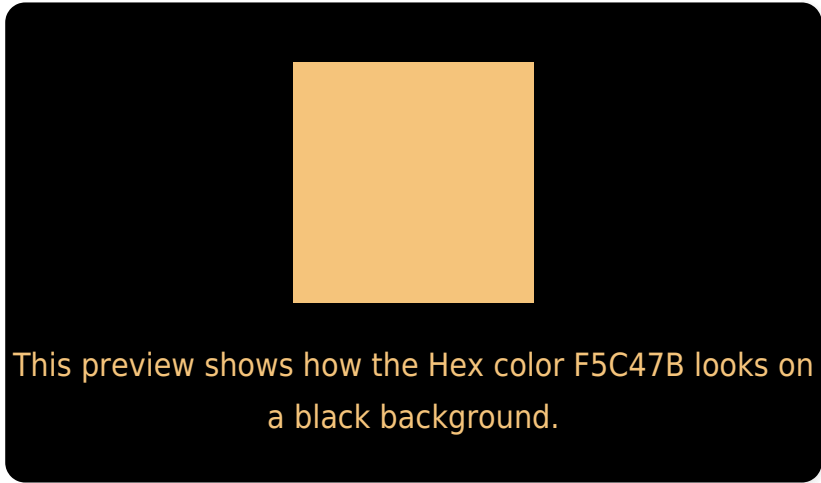
Large Text (above 18pt) WCAG AA × Fail

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 F5C47B Background



This preview shows how black text looks on a background with the Hex color F5C47B.

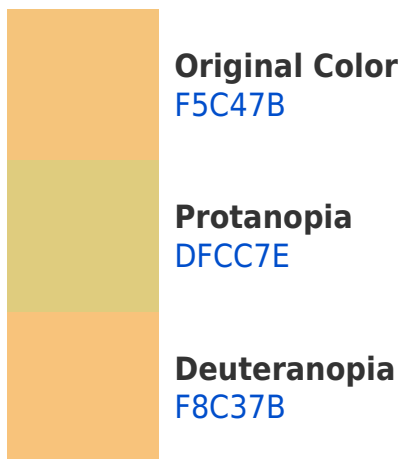


This preview shows how white text looks on a background with the Hex color F5C47B.

# Color Blindness Simulation

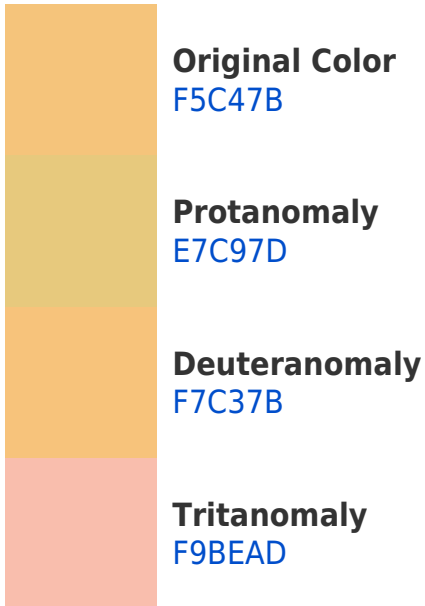
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

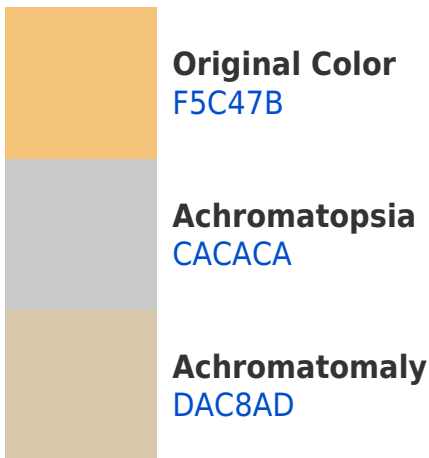




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F5C47B 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 #F5C47B looks like.

```
.text, #text, p{  
    color:#F5C47B  
}
```

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 #F5C47B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5C47B  
}
```

## Border

The CSS property to change the border of an element to Hex F5C47B 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  
#F5C47B }
```

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

```
.border{ border-color:#F5C47B }
```

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

Here you see how a box with a 4 pixel #F5C47B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5C47B; -webkit-box-shadow:4px 4px  
4px 4px #F5C47B; box-shadow:4px 4px 4px  
4px #F5C47B }
```

# Background

The CSS property to change the background color of an element to Hex F5C47B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5C47B }
```

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

```
.background{ background-color:#F5C47B }
```

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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