

# Converting Colors

Hex(CFBC77)

Have a look what the booklet for  
Hex(CFBC77) contains.

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# **Color**

**Hex(CFBC77)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CFBC77
RGB	207, 188, 119
RGB Percent	81%, 74%, 47%
CMY	0.1882, 0.2627, 0.5333
CMYK	0.00, 0.09, 0.43, 0.19
HSL	47°, 48%, 64%
HSV	47°, 43%, 81%
XYZ	47.0451, 50.5637, 24.7330
YIQ	185.8150, 33.4730, -17.4310

# Conversions

## Conversions Part 2

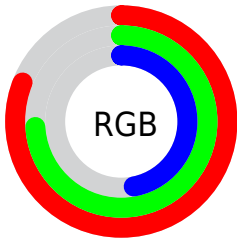
Format	Color
<a href="#">RYB</a>	<a href="#">143, 207, 119</a>
Decimal	<a href="#">13614199</a>
<a href="#">CIELab</a>	<a href="#">76.41, -2.82, 37.30</a>
<a href="#">CIElCh</a>	<a href="#">76, 37.410, 94.326</a>
<a href="#">Yxy</a>	<a href="#">50.5637, 0.3845, 0.4133</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4291804279 (0xFFCFBC77)</a>
<a href="#">YUV</a>	<a href="#">185.8150, -32.9398, 18.5792</a>
<a href="#">Hunter-Lab</a>	<a href="#">71.1082, -6.3439, 29.1534</a>

# Details

The Hex color **CFBC77** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **778ACF**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFF4AC**, and **978745** is the 20% darker color. If you saturate the color by 10%, you get **CFB862**, and if you desaturate by 10%, it is **CFC08C**.

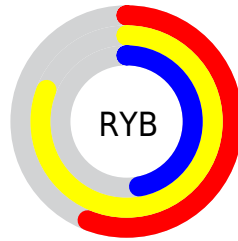
# Distribution



Red (81%)

Green (74%)

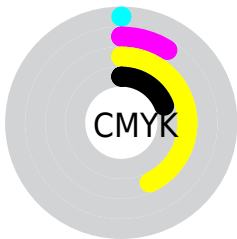
Blue (47%)



Red (56%)

Yellow (81%)

Blue (47%)

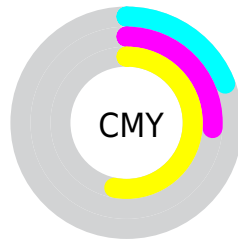


Cyan (0%)

Magenta (9%)

Yellow (43%)

Black (19%)



Cyan (19%)

Magenta (26%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CFBC77 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 CFBC77 by changing the saturation by 10% instead.





CFBC77



CFBC77

FFFFFF



B3A15E



FFF4AC



978745



FFFFC8



7C6E2D



FFFFE4



625615



483F00



302900



171500



000000



CFBC77



CFBC77

 CFB862

 CFC08C

 CFB34E

 CFC5A0

 CFAF39

 CFC9B5

 CFAA24

 CFCECA

 CFA610

 CFD2DF

 CFA200

 CFD7F3

 CFDBFF

 CFE0FF

 CFE4FF

# Harmonies

## Analogous

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



EDB07F



CFBC77



AAC682

# Triad

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



CFBC77



3DCEE2



EDA7DB

# Complementary

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



CFBC77



778ACF

# 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.



C7B2F6



CFBC77



5DC8FA

# Square

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



CFBC77



56CFC0



94BEFF



FFA2B9

# Rectangle

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



CFBC77



8FCB93



94BEFF



E2AAE5

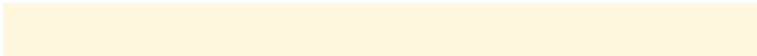


# Sweetspot

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



CFBC77



FFF8DE



CF778A



807B6B



000000



808080



# Same Dimension

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



CFBC77



FFE37D



B6CF77



69665E



A88400



292000



# Inverse Universe

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



778ACF



7D99FF



9077CF



5E6069



0024A8

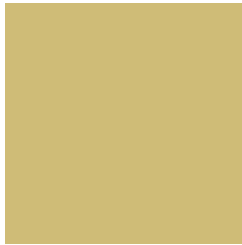


000929



# Previews

## White Background



This preview shows how the Hex color CFBC77 looks on a white background.

## Color Contrast Check

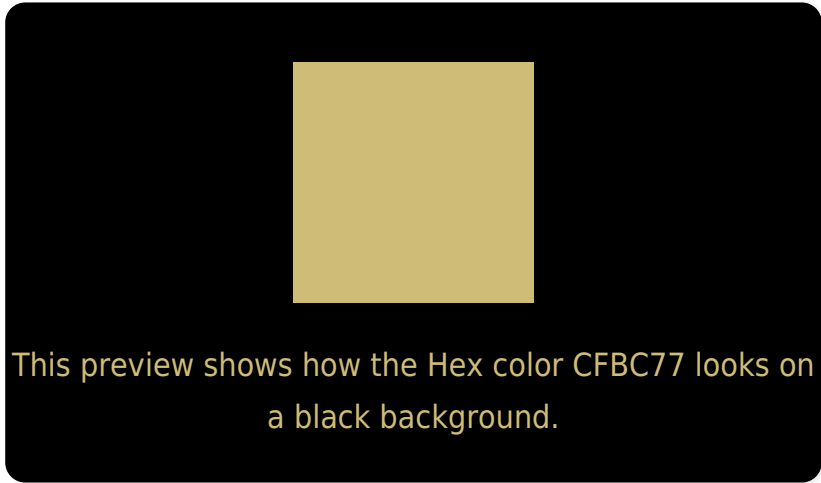
Large Text (above 18pt) WCAG AA × Fail

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

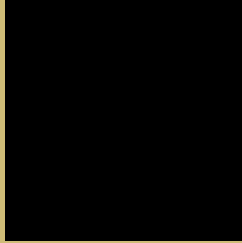
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CFBC77 Background



This preview shows how black text looks on a background with the Hex color CFBC77.



This preview shows how white text looks on a background with the Hex color CFBC77.

# 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**  
CFBC77

**Protanopia**  
CDBD77

**Deuteranopia**  
E3B479



**Tritanopia**  
D7B3C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CFBC77 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 #CFBC77 looks like.

```
.text, #text, p{  
    color:#CFBC77  
}
```

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 #CFBC77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CFBC77  
}
```

## Border

The CSS property to change the border of an element to Hex CFBC77 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  
#CFBC77 }
```

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

```
.border{ border-color:#CFBC77 }
```

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

Here you see how a box with a 4 pixel `#CFBC77` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CFBC77; -webkit-box-shadow:4px 4px  
4px 4px #CFBC77; box-shadow:4px 4px 4px  
4px #CFBC77 }
```

# Background

The CSS property to change the background color of an element to Hex CFBC77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CFBC77 }
```

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

```
.background{ background-color:#CFBC77 }
```

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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