

# Converting Colors

Hex(CFBB5A)

Have a look what the booklet for  
Hex(CFBB5A) contains.

<b>Hex(CFBB5A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(CFBB5A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CFBB5A
RGB	207, 187, 90
RGB Percent	81%, 73%, 35%
CMY	0.1882, 0.2667, 0.6471
CMYK	0.00, 0.10, 0.57, 0.19
HSL	50°, 55%, 58%
HSV	50°, 57%, 81%
XYZ	45.3479, 49.5442, 16.8458
YIQ	181.9220, 43.0570, -25.9270

# Conversions

## Conversions Part 2

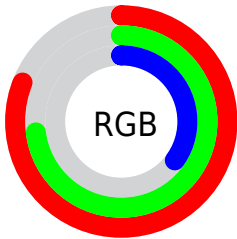
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 207, 90
Decimal	13613914
CIELab	75.79, -4.94, 50.89
CIELCh	76, 51.128, 95.546
Yxy	49.5442, 0.4058, 0.4434
Android (android.graphics.Color)	4291803994 (0xFFCFBB5A)
YUV	181.9220, -45.3175, 21.9934
Hunter-Lab	70.3877, -8.1781, 35.0816

# Details

The Hex color **CFBB5A** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **5A6ECF**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFF38F**, and **968626** is the 20% darker color. If you saturate the color by 10%, you get **CFB745**, and if you desaturate by 10%, it is **CFBF6F**.

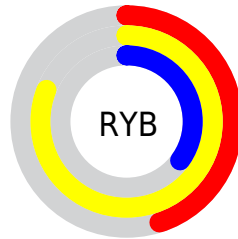
# Distribution



Red (81%)

Green (73%)

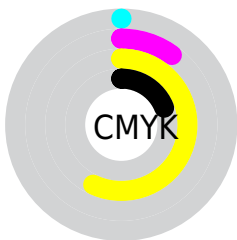
Blue (35%)



Red (45%)

Yellow (81%)

Blue (35%)

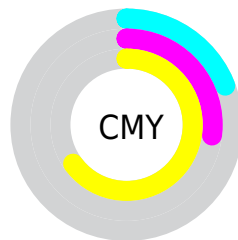


Cyan (0%)

Magenta (10%)

Yellow (57%)

Black (19%)



Cyan (19%)

Magenta (27%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CFBB5A 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 CFBB5A by changing the saturation by 10% instead.





CFBB5A



CFBB5A

FFFFFF



B2A040



FFF38F



968626



FFFFAA



7A6D05



FFFFC6



605500



FFFEE3



463E00



2C2800



121500



000000



CFBB5A



CFBB5A

 CFB745

 CFBF6F

 CFB431

 CFC283

 CFB01C

 CFC698

 CFAD07

 CFC9AD

 CFAC00

 CFCDC2

 CFD0D6

 CFD4EB

 CFD7FF

 CFDBFF

# Harmonies

## Analogous

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



F7AA65



CFBB5A



9DC86B

# Triad

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



CFBB5A



00D1F0



FC9AE3

# Complementary

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



CFBB5A



5A6ECF

# 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.



CAABFF



CFBB5A



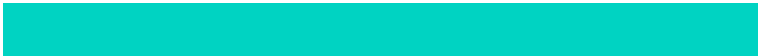
00CAFF

# Square

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



CFBB5A



00D3C2



7CBDFE



FF93B4

# Rectangle

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



CFBB5A



76CE83



7CBDFE



EF9FF1



# Sweetspot

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



CFBB5A



FFF8D4



CF5A6F



807B66



000000



808080



# Same Dimension

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



CFBB5A



FFE152



AACF5A



69675E



A88C00



292200



# Inverse Universe

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



5A6ECF



526FFF



7F5ACF



5E6069



001DA8



000729



# Previews

## White Background



This preview shows how the Hex color CFBB5A looks on a white background.

## Color Contrast Check

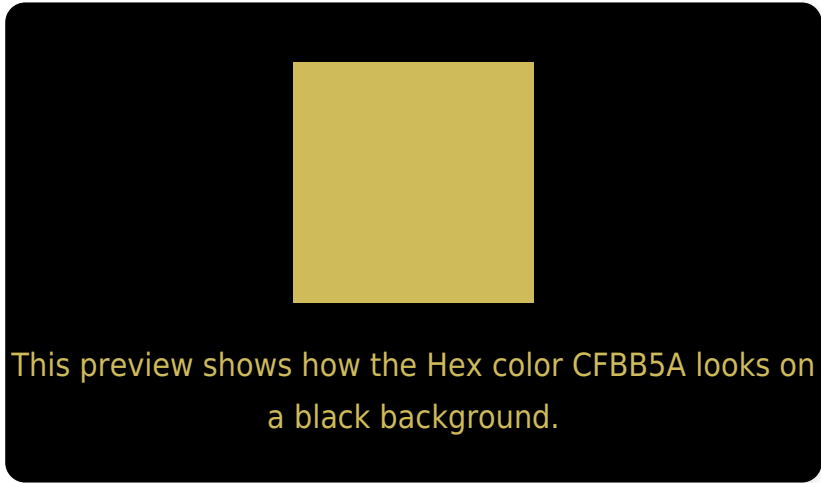
Large Text (above 18pt) WCAG AA × Fail

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 CFBB5A Background



This preview shows how black text looks on a background with the Hex color CFBB5A.



This preview shows how white text looks on a background with the Hex color CFBB5A.

# 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**  
CFBB5A

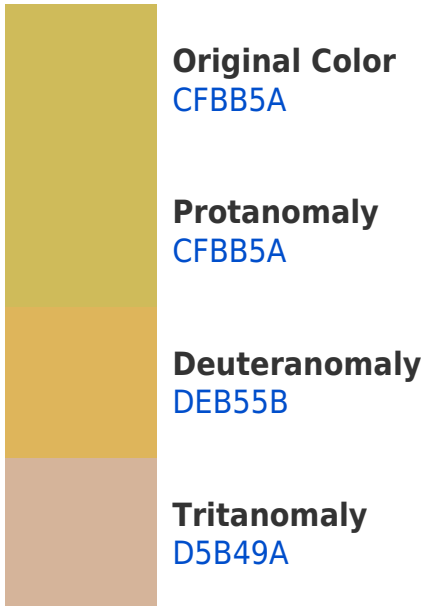
**Protanopia**  
CFBB5A

**Deuteranopia**  
E6B25C



**Tritanopia**  
D8B0BE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CFBB5A 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 #CFBB5A looks like.

```
.text, #text, p{  
    color:#CFBB5A  
}
```

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 #CFBB5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CFBB5A }  
}
```

## Border

The CSS property to change the border of an element to Hex CFBB5A 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 #CFBB5A }  
}
```

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

```
.border{ border-color:#CFBB5A }
```

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

Here you see how a box with a 4 pixel #CFBB5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CFBB5A; -webkit-box-shadow:4px 4px  
4px 4px #CFBB5A; box-shadow:4px 4px 4px  
4px #CFBB5A }
```

# Background

The CSS property to change the background color of an element to Hex CFBB5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CFBB5A }
```

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

```
.background{ background-color:#CFBB5A }
```

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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