

# Converting Colors

Hex(CCBC7B)

Have a look what the booklet for  
Hex(CCBC7B) contains.

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# **Color**

**Hex(CCBC7B)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | CCBC7B                      |
| RGB         | 204, 188, 123               |
| RGB Percent | 80%, 74%, 48%               |
| CMY         | 0.2000, 0.2627, 0.5176      |
| CMYK        | 0.00, 0.08, 0.40, 0.20      |
| HSL         | 48°, 44%, 64%               |
| HSV         | 48°, 40%, 80%               |
| XYZ         | 46.4602, 50.2339, 25.9863   |
| YIQ         | 185.3740, 30.4010, -16.8230 |

# Conversions

## Conversions Part 2

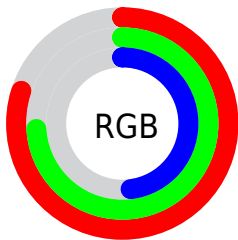
| Format                              | Color                                           |
|-------------------------------------|-------------------------------------------------|
| <a href="#">RYB</a>                 | <a href="#">143, 204, 123</a>                   |
| Decimal                             | <a href="#">13417595</a>                        |
| CIELab                              | <a href="#">76.21, -3.60, 34.93</a>             |
| CIELCh                              | <a href="#">76, 35.114, 95.884</a>              |
| Yxy                                 | <a href="#">50.2339, 0.3787,<br/>0.4095</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4291607675<br/>(0xFFCCBC7B)</a>     |
| YUV                                 | <a href="#">185.3740, -30.7504,<br/>16.3350</a> |
| Hunter-Lab                          | <a href="#">70.8759, -7.0233,<br/>27.8747</a>   |

# Details

The Hex color **CCBC7B** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **7B8BCC**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFF4B0**, and **948749** is the 20% darker color. If you saturate the color by 10%, you get **CCB867**, and if you desaturate by 10%, it is **CCC08F**.

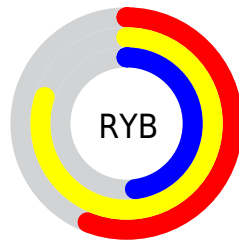
# Distribution



Red (80%)

Green (74%)

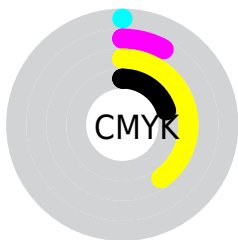
Blue (48%)



Red (56%)

Yellow (80%)

Blue (48%)

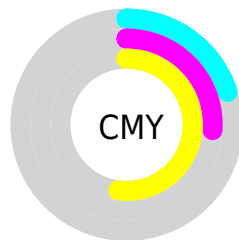


Cyan (0%)

Magenta (8%)

Yellow (40%)

Black (20%)



Cyan (20%)

Magenta (26%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCBC7B 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 CCBC7B by changing the saturation by 10% instead.



 CCBC7B

 CCBC7B

FFFFFF

 B0A162

 FFF4B0

 948749

 FFFFCC

 7A6E31

 FFFFEE

 60561A

 473E01

 2F2900

 161500

 000000

 CCBC7B

 CCBC7B

 CCB867

 CCC08F

 CCB452

 CCC4A4

 CCB03E

 CCC8B8

 CCAC29

 CCCCCD

 CCA815

 CCD0E1

 CCA401

 CCD4F5

 CCA400

 CCD8FF

 CCDCFF

 CCE0FF

# Harmonies

## Analogous

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



E8B181



CCBC7B



A9C586

# Triad

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



CCBC7B



4CCCE1



EBA7D7

# Complementary

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



CCBC7B



7B8BCC

# 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.



C9B1F1



CCBC7B



69C6F6

# Square

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



CCBC7B



5DCEC1



9ABDFC



FBA3B7

# Rectangle

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



CCBC7B



8FCA97



9ABDFC



E1AAE1



# Sweetspot

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



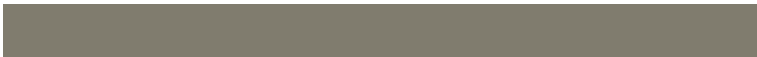
CCBC7B



FFF9E0



CC7B8B



807C6E



000000



808080



# Same Dimension

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



CCBC7B



FFE785



B4CC7B



66645C



A68500



261F00



# Inverse Universe

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



7B8BCC



859DFF



937BCC



5C5E66



0021A6



000826



# Previews

## White Background



This preview shows how the Hex color CCBC7B looks on a white background.

## Color Contrast Check

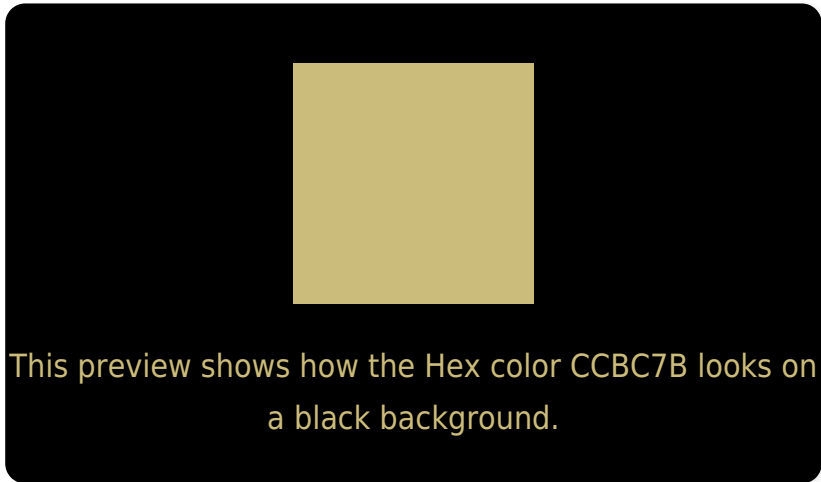
Large Text (above 18pt) WCAG AA × Fail

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

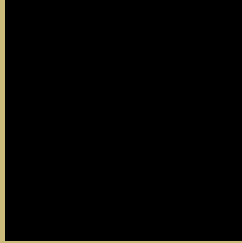
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CCBC7B Background



This preview shows how black text looks on a background with the Hex color CCBC7B.

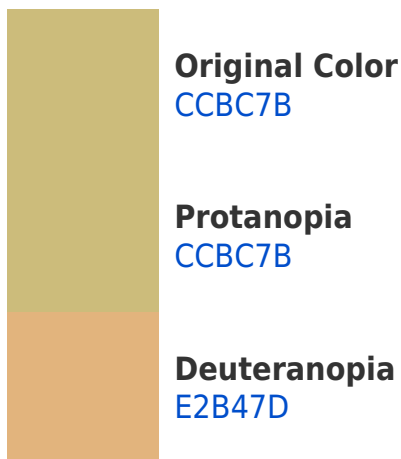


This preview shows how white text looks on a background with the Hex color CCBC7B.

# 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](#).

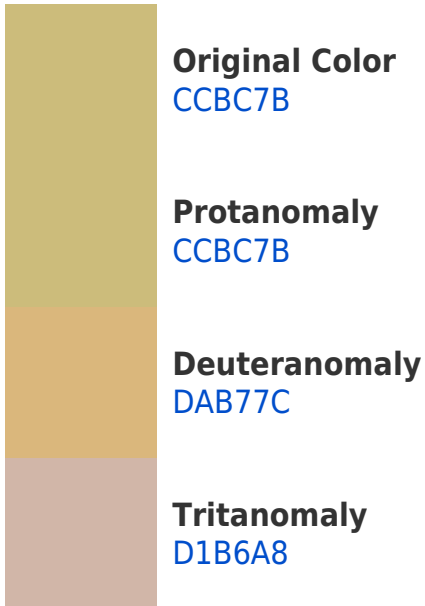
## Dichromacy





**Tritanopia**  
D4B3C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCBC7B 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 #CCBC7B looks like.

```
.text, #text, p{  
    color:#CCBC7B  
}
```

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 #CCBC7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCBC7B
}
```

## Border

The CSS property to change the border of an element to Hex CCBC7B 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
#CCBC7B }
```

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

```
.border{ border-color:#CCBC7B }
```

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

Here you see how a box with a 4 pixel #CCBC7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCBC7B; -webkit-box-shadow:4px 4px  
4px 4px #CCBC7B; box-shadow:4px 4px 4px  
4px #CCBC7B }
```

# Background

The CSS property to change the background color of an element to Hex CCBC7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCBC7B }
```

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

```
.background{ background-color:#CCBC7B }
```

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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