

# Converting Colors

Hex(CBC17B)

Have a look what the booklet for  
Hex(CBC17B) contains.

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# **Color**

**Hex(CBC17B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBC17B
RGB	203, 193, 123
RGB Percent	80%, 76%, 48%
CMY	0.2039, 0.2431, 0.5176
CMYK	0.00, 0.05, 0.39, 0.20
HSL	53°, 43%, 64%
HSV	53°, 39%, 80%
XYZ	47.2737, 52.2665, 26.3357
YIQ	188.0100, 28.4300, -19.6500

# Conversions

## Conversions Part 2

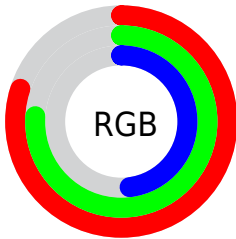
Format	Color
<a href="#">RYB</a>	<a href="#">134, 203, 123</a>
Decimal	<a href="#">13353339</a>
CIELab	<a href="#">77.44, -6.60, 36.49</a>
CIELCh	<a href="#">77, 37.085, 100.259</a>
Yxy	<a href="#">52.2665, 0.3756, 0.4152</a>
Android (android.graphics.Color)	<a href="#">4291543419 (0xFFCBC17B)</a>
YUV	<a href="#">188.0100, -32.0499, 13.1462</a>
Hunter-Lab	<a href="#">72.2956, -9.7970, 29.0088</a>

# Details

The Hex color **CBC17B** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **7B85CB**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFF9B0**, and **938C49** is the 20% darker color. If you saturate the color by 10%, you get **CBBE67**, and if you desaturate by 10%, it is **CBC48F**.

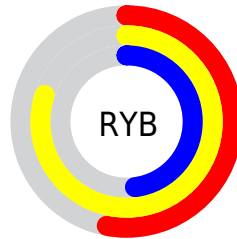
# Distribution



Red (80%)

Green (76%)

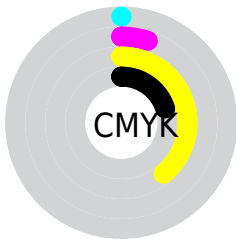
Blue (48%)



Red (53%)

Yellow (80%)

Blue (48%)

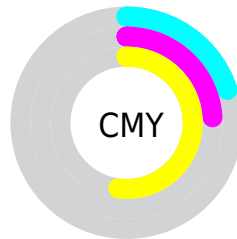


Cyan (0%)

Magenta (5%)

Yellow (39%)

Black (20%)



Cyan (20%)

Magenta (24%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBC17B 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 CBC17B by changing the saturation by 10% instead.



 CBC17B

 CBC17B

FFFFFF

 AFA661

 FFF9B0

 938C49

 FFFCC


 797231

 FFFFFE8

 5F5A19

 464300

 2E2D00

 151900

 000000

 CBC17B

 CBC17B

 CBBE67

 CBC48F

 CBBC52

 CBC6A4

 CBB93E

 CBC9B8

 CBB72A

 CBCBCC

 CBB416

 CBCEE1

 CBB201

 CBD0F5

 CBB200

 CBD3FF

 CBD5FF

 CBD8FF

# Harmonies

## Analogous

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



EAB57F



CBC17B



A5CA8A

# Triad

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



CBC17B



45D0EB



F4A8D7

# Complementary

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



CBC17B



7B85CB

# 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.



D3B2F4



CBC17B



6CC9FF

# Square

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



CBC17B



53D2CA



A2BFFF



FFA5B5

# Rectangle

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



CBC17B



8ACF9C



A2BFFF



EBABE2



# Sweetspot

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



CBC17B



FFFBE0



CB7B86



807D6E



000000



808080



# Same Dimension

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



CBC17B



FFF087



AECB7B



66655C



A69100



262100



# Inverse Universe

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



7B85CB



8796FF



987BCB



5C5D66



0015A6

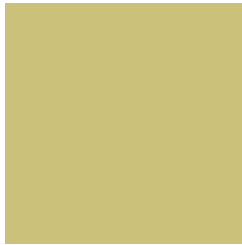


000526



# Previews

## White Background



This preview shows how the Hex color CBC17B looks on a white background.

## Color Contrast Check

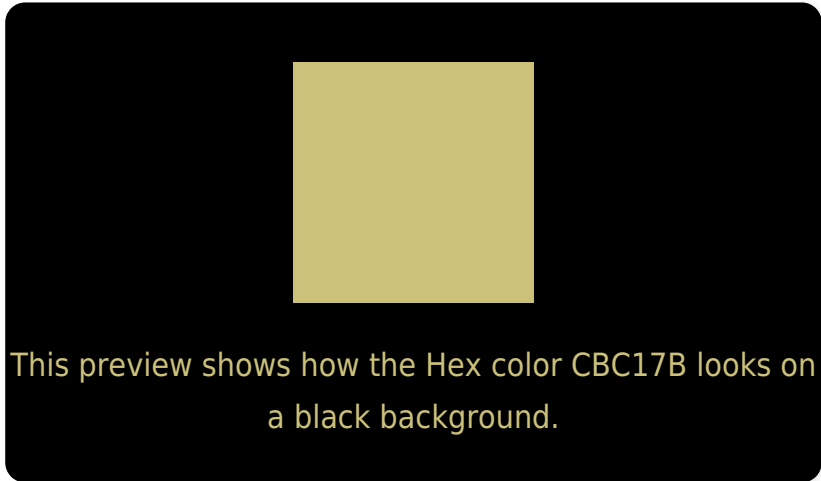
Large Text (above 18pt) WCAG AA × Fail

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

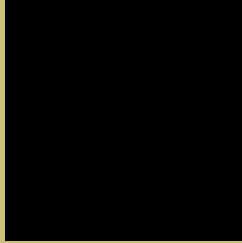
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CBC17B Background



This preview shows how black text looks on a background with the Hex color CBC17B.

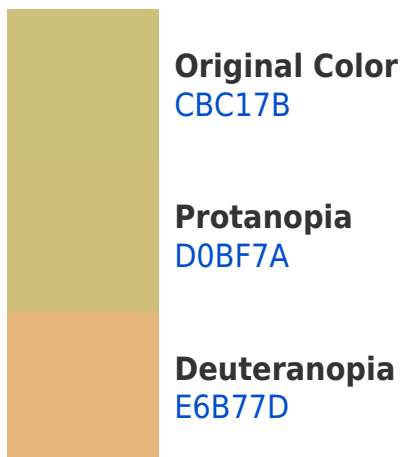


This preview shows how white text looks on a background with the Hex color CBC17B.

# 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](#).

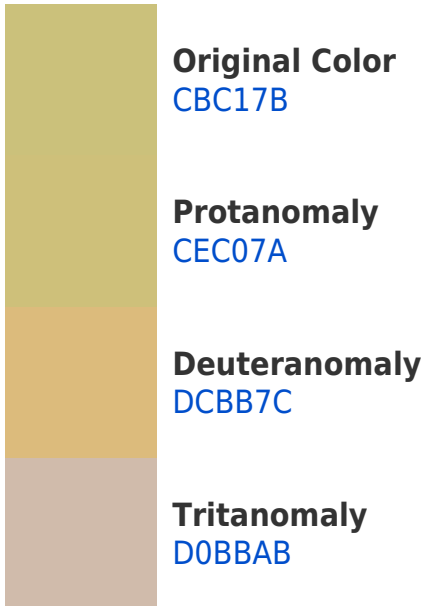
## Dichromacy





**Tritanopia**  
D3B8C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBC17B 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 #CBC17B looks like.

```
.text, #text, p{  
    color:#CBC17B  
}
```

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 #CBC17B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBC17B
}
```

## Border

The CSS property to change the border of an element to Hex CBC17B 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
#CBC17B }
```

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

```
.border{ border-color:#CBC17B }
```

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

Here you see how a box with a 4 pixel #CBC17B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBC17B; -webkit-box-shadow:4px 4px  
4px 4px #CBC17B; box-shadow:4px 4px 4px  
4px #CBC17B }
```

# Background

The CSS property to change the background color of an element to Hex CBC17B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBC17B }
```

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

```
.background{ background-color:#CBC17B }
```

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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