

# Converting Colors

Hex(CEBD7C)

Have a look what the booklet for  
Hex(CEBD7C) contains.

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# **Color**

**Hex(CEBD7C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CEBD7C
RGB	206, 189, 124
RGB Percent	81%, 74%, 49%
CMY	0.1922, 0.2588, 0.5137
CMYK	0.00, 0.08, 0.40, 0.19
HSL	48°, 46%, 65%
HSV	48°, 40%, 81%
XYZ	47.2893, 50.9722, 26.4150
YIQ	186.6730, 30.9970, -16.6110

# Conversions

## Conversions Part 2

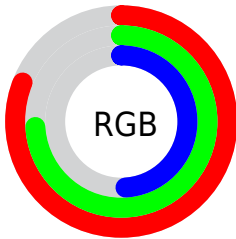
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	145, 206, 124
Decimal	13548924
CIE <sub>Lab</sub>	76.66, -3.21, 35.03
CIE <sub>LCh</sub>	77, 35.173, 95.234
Yxy	50.9722, 0.3793, 0.4088
Android (android.graphics.Color)	4291739004 (0xFFCEBD7C)
YUV	186.6730, -30.8978, 16.9498
Hunter-Lab	71.3948, -6.7092, 28.0400

# Details

The Hex color **CEBD7C** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **7C8DCE**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFF5B1**, and **96884A** is the 20% darker color. If you saturate the color by 10%, you get **CEB967**, and if you desaturate by 10%, it is **CEC191**.

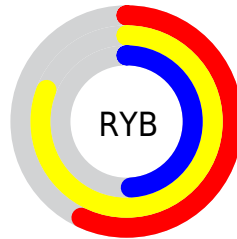
# Distribution



Red (81%)

Green (74%)

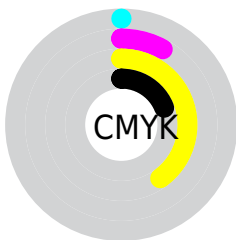
Blue (49%)



Red (57%)

Yellow (81%)

Blue (49%)

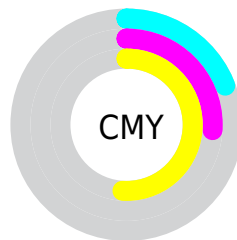


Cyan (0%)

Magenta (8%)

Yellow (40%)

Black (19%)



Cyan (19%)

Magenta (26%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color `CEBD7C` 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 `CEBD7C` by changing the saturation by 10% instead.





CEBD7C



CEBD7C

FFFFFF



B2A263



FFF5B1



96884A



FFFCD



7B6F32



FFFE9



61561A



483F01



302A00



171600



000000



CEBD7C



CEBD7C

 CEB967

 CEC191

 CEB453

 CEC6A5

 CEB03E

 CECABA

 CEAC2A

 CECECE

 CEA815

 CED2E3

 CEA300

 CED7F8

 CEDBFF

 CEDFFF

 CEE3FF

# Harmonies

## Analogous

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



EAB283



CEBD7C



ABC687

# Triad

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



CEBD7C



4ECEE2



EBA9D9

# Complementary

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



CEBD7C



7C8DCE

# 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.



C9B3F2



CEBD7C



69C8F7

# Square

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



CEBD7C



5FCFC2



9ABEFE



FCA5B9

# Rectangle

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



CEBD7C



91CB97



9ABEFE



E2ACE3



# Sweetspot

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



CEBD7C



FFF9E0



CE7C8E



807C6E



000000



808080



# Same Dimension

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



CEBD7C



FFE685



B7CE7C



66645C



A68300



261E00



# Inverse Universe

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



7C8DCE



859EFF



937CCE



5C5E66



0022A6



000826



# Previews

## White Background



This preview shows how the Hex color `CEBD7C` looks on a white background.

## Color Contrast Check

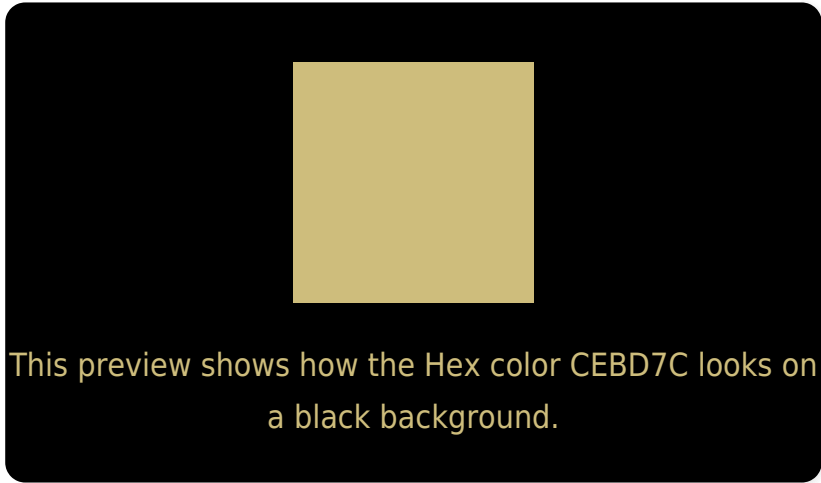
Large Text (above 18pt) WCAG AA × Fail

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

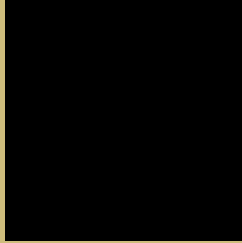
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CEBD7C Background



This preview shows how black text looks on a background with the Hex color CEBD7C.

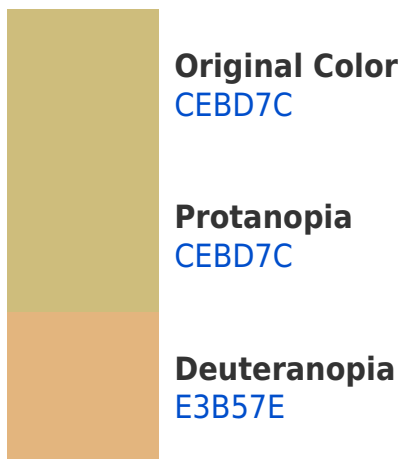


This preview shows how white text looks on a background with the Hex color CEBD7C.

# 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](#).

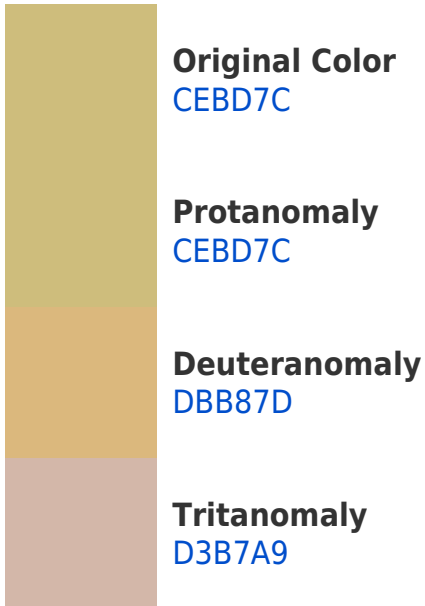
## Dichromacy





**Tritanopia**  
D6B4C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CEBD7C 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 #CEBD7C looks like.

```
.text, #text, p{  
    color:#CEBD7C  
}
```

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 #CEBD7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEBD7C
}
```

## Border

The CSS property to change the border of an element to Hex CEBD7C 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
#CEBD7C }
```

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

```
.border{ border-color:#CEBD7C }
```

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

Here you see how a box with a 4 pixel #CEBD7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEBD7C; -webkit-box-shadow:4px 4px  
4px 4px #CEBD7C; box-shadow:4px 4px 4px  
4px #CEBD7C }
```

# Background

The CSS property to change the background color of an element to Hex CEBD7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEBD7C }
```

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

```
.background{ background-color:#CEBD7C }
```

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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