

# Converting Colors

Hex(CEB69D)

Have a look what the booklet for  
Hex(CEB69D) contains.

<b>Hex(CEB69D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(CEB69D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CEB69D
RGB	206, 182, 157
RGB Percent	81%, 71%, 62%
CMY	0.1922, 0.2863, 0.3843
CMYK	0.00, 0.12, 0.24, 0.19
HSL	31°, 33%, 71%
HSV	31°, 24%, 81%
XYZ	48.2674, 49.0120, 38.8146
YIQ	186.3260, 22.3290, -2.6870

# Conversions

## Conversions Part 2

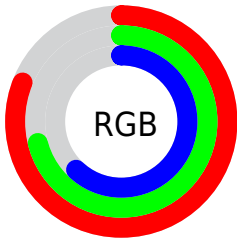
Format	Color
R <sub>Y</sub> B	204, 206, 157
Decimal	13547165
CIE Lab	75.46, 4.69, 15.88
CIE LCh	75, 16.556, 73.540
Yxy	49.0120, 0.3547, 0.3601
Android (android.graphics.Color)	4291737245 (0xFFCEB69D)
YUV	186.3260, -14.4577, 17.2541
Hunter-Lab	70.0086, 0.5516, 16.1341

# Details

The Hex color **CEB69D** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9DB5CE**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFEED4**, and **97816A** is the 20% darker color. If you saturate the color by 10%, you get **CEAC88**, and if you desaturate by 10%, it is **CEC0B2**.

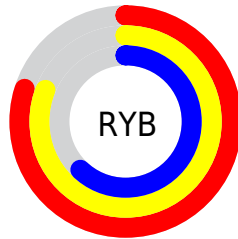
# Distribution



Red (81%)

Green (71%)

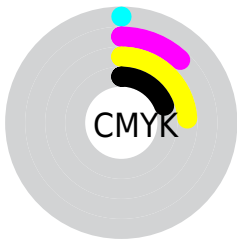
Blue (62%)



Red (80%)

Yellow (81%)

Blue (62%)

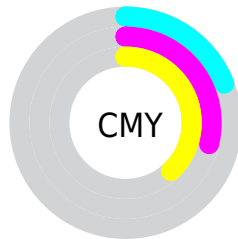


Cyan (0%)

Magenta (12%)

Yellow (24%)

Black (19%)



Cyan (19%)

Magenta (29%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CEB69D 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 CEB69D by changing the saturation by 10% instead.





CEB69D



CEB69D

FFFFFF



B29B83



FFEED4



97816A



FFFFF0



7D6851



63503A



4B3924



332410



1E0F00



000000



CEB69D



CEB69D

 CEAC88

 CEC0B2

 CEA274

 CECAC6

 CE985F

 CED4DB

 CE8E4B

 CEDEEF

 CE8436

 CEE8FF

 CE7921

 CEF3FF

 CE6F0D

 CEFDFE

 CE6900

 CEFFFF

# Harmonies

## Analogous

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



D8B2A5



CEB69D



BFBB9C

# Triad

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



CEB69D



93C3C0



C5B4D0

# Complementary

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



CEB69D



9DB5CE

# 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.



B2B9D7



CEB69D



94C1CE

# Square

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



CEB69D



9DC2B1



9FBED7



D4B0C3

# Rectangle

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



CEB69D



B3BEA0



9FBED7



BFB5D3



# Sweetspot

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



CEB69D



FFF6ED



CE9DB5



807B75



000000



808080



# Same Dimension

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



CEB69D



FFDBB5



CECE9D



66615C



A65500



261400

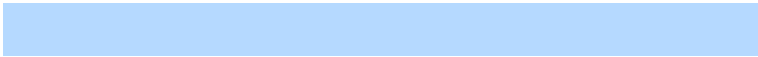


# Inverse Universe

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



9DB5CE



B5D9FF



9D9DCE



5C6166



0051A6



001326



# Previews

## White Background



This preview shows how the Hex color CEB69D 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



This preview shows how the Hex color CEB69D looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

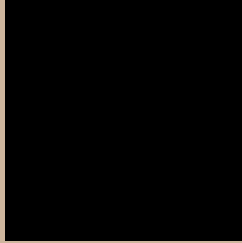
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CEB69D Background



This preview shows how black text looks on a background with the Hex color CEB69D.

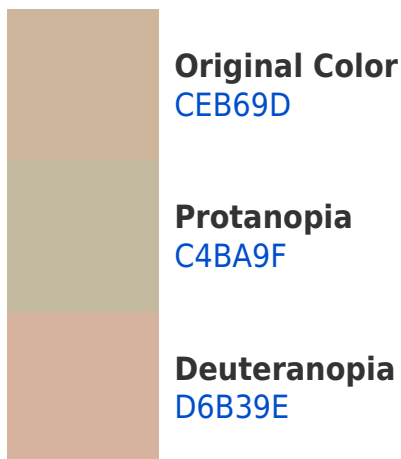


This preview shows how white text looks on a background with the Hex color CEB69D.

# 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**  
D2B1BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CEB69D 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 #CEB69D looks like.

```
.text, #text, p{  
    color:#CEB69D  
}
```

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 #CEB69D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEB69D  
}
```

## Border

The CSS property to change the border of an element to Hex CEB69D 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  
#CEB69D }
```

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

```
.border{ border-color:#CEB69D }
```

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

Here you see how a box with a 4 pixel #CEB69D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEB69D; -webkit-box-shadow:4px 4px  
4px 4px #CEB69D; box-shadow:4px 4px 4px  
4px #CEB69D }
```

# Background

The CSS property to change the background color of an element to Hex CEB69D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEB69D }
```

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

```
.background{ background-color:#CEB69D }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor