

# Converting Colors

Hex(CE9E77)

Have a look what the booklet for  
Hex(CE9E77) contains.

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# **Color**

**Hex(CE9E77)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE9E77
RGB	206, 158, 119
RGB Percent	81%, 62%, 47%
CMY	0.1922, 0.3804, 0.5333
CMYK	0.00, 0.23, 0.42, 0.19
HSL	27°, 47%, 64%
HSV	27°, 42%, 81%
XYZ	41.0102, 38.9074, 22.8012
YIQ	167.9060, 41.1270, -1.9530

# Conversions

## Conversions Part 2

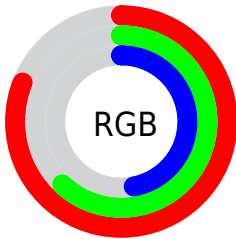
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	206, 190, 119
Decimal	13540983
CIE Lab	68.68, 12.80, 27.24
CIE LCh	69, 30.100, 64.823
Yxy	38.9074, 0.3992, 0.3788
Android (android.graphics.Color)	4291731063 (0xFFCE9E77)
YUV	167.9060, -24.1107, 33.4084
Hunter-Lab	62.3758, 8.2007, 21.9899

# Details

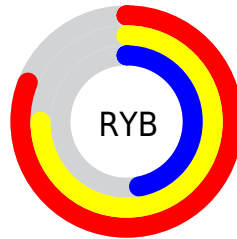
The Hex color **CE9E77** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **77A7CE**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFD5AC**, and **966B46** is the 20% darker color. If you saturate the color by 10%, you get **CE9362**, and if you desaturate by 10%, it is **CEA98C**.

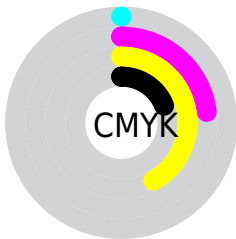
# Distribution



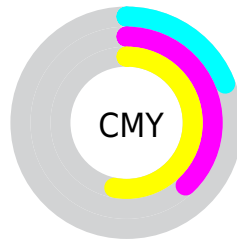
- Red (81%)
- Green (62%)
- Blue (47%)



- Red (81%)
- Yellow (75%)
- Blue (47%)



- Cyan (0%)
- Magenta (23%)
- Yellow (42%)
- Black (19%)



- Cyan (19%)
- Magenta (38%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE9E77 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 CE9E77 by changing the saturation by 10% instead.



 CE9E77

 CE9E77

FFFFFF

 B2845E

 FFD5AC

 966B46

 FFF1C7

 7B522F

 FFFFE3

 603B19

 472500

 2E1100

 110000

 000000

 CE9E77

 CE9E77

 CE9362

 CEA98C

 CE874E

 CEB5A0

 CE7C39

 CEC0B5

 CE7125

 CECBC9

 CE6510

 CED7DE

 CE5C00

 CEE2F3

 CEEEFF

 CEF9FF

 CEFFFF

# Harmonies

## Analogous

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



DC968A



CE9E77



B6A771

# Triad

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



CE9E77



5CB7AB



B19FD4

# Complementary

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



CE9E77



77A7CE

# 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.



8AA9DD



CE9E77



4FB5C6

# Square

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



CE9E77



79B590



63B1D8



CE97BF

# Rectangle

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



CE9E77



A3AD76



63B1D8



A5A2D9

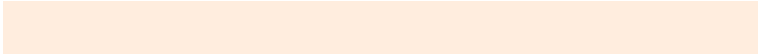


# Sweetspot

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



CE9E77



FFEDDE



CE77A8



80746B



000000



808080



# Same Dimension

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



CE9E77



FFB77D



CEC877



66605C



A64A00



261100

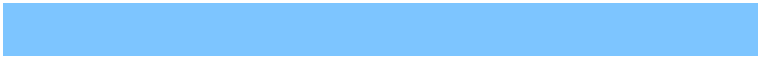


# Inverse Universe

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



77A7CE



7DC5FF



777DCE



5C6166



005BA6



001526



# Previews

## White Background



This preview shows how the Hex color CE9E77 looks on a white background.

## Color Contrast Check

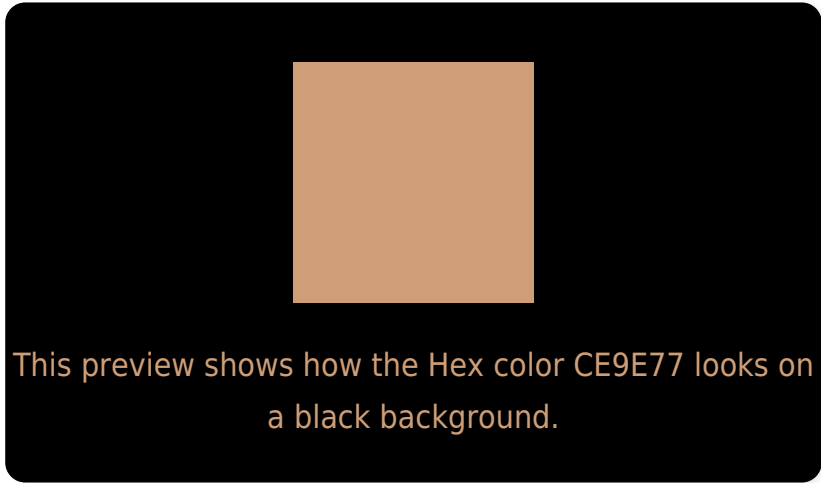
Large Text (above 18pt) WCAG AA × Fail

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

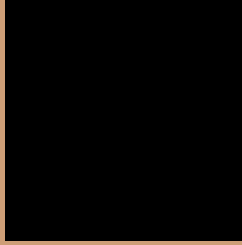
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CE9E77 Background



This preview shows how black text looks on a background with the Hex color CE9E77.



This preview shows how white text looks on a background with the Hex color CE9E77.

# 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**  
CE9E77

**Protanopia**  
B4A87B

**Deuteranopia**  
C8A176



**Tritanopia**  
D298A4

# Trichromacy



**Original Color**  
CE9E77

**Protanomaly**  
BDA47A

**Deuteranomaly**  
CAA076

**Tritanomaly**  
D19A94

# Monochromacy



**Original Color**  
CE9E77

**Achromatopsia**  
A8A8A8

**Achromatomaly**  
B6A496

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE9E77 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 #CE9E77 looks like.

```
.text, #text, p{  
    color:#CE9E77  
}
```

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 #CE9E77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE9E77  
}
```

## Border

The CSS property to change the border of an element to Hex CE9E77 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  
#CE9E77 }
```

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

```
.border{ border-color:#CE9E77 }
```

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

Here you see how a box with a 4 pixel #CE9E77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE9E77; -webkit-box-shadow:4px 4px  
4px 4px #CE9E77; box-shadow:4px 4px 4px  
4px #CE9E77 }
```

# Background

The CSS property to change the background color of an element to Hex CE9E77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE9E77 }
```

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

```
.background{ background-color:#CE9E77 }
```

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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