

# Converting Colors

Hex(CE9780)

Have a look what the booklet for  
Hex(CE9780) contains.

<b>Hex(CE9780)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(CE9780)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE9780
RGB	206, 151, 128
RGB Percent	81%, 59%, 50%
CMY	0.1922, 0.4078, 0.4980
CMYK	0.00, 0.27, 0.38, 0.19
HSL	18°, 44%, 65%
HSV	18°, 38%, 81%
XYZ	40.4165, 36.8135, 25.3976
YIQ	164.8230, 40.1630, 4.5070

# Conversions

## Conversions Part 2

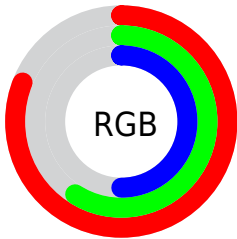
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	206, 161, 128
Decimal	13539200
CIE <sub>Lab</sub>	67.14, 17.64, 20.23
CIE <sub>LCh</sub>	67, 26.838, 48.903
Yxy	36.8135, 0.3938, 0.3587
Android (android.graphics.Color)	4291729280 (0xFFCE9780)
YUV	164.8230, -18.1537, 36.1122
Hunter-Lab	60.6742, 12.7233, 17.6537

# Details

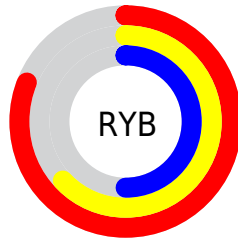
The Hex color **CE9780** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **80B7CE**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFCDB5**, and **96644F** is the 20% darker color. If you saturate the color by 10%, you get **CE886B**, and if you desaturate by 10%, it is **CEA695**.

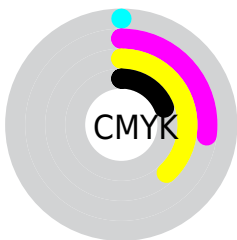
# Distribution



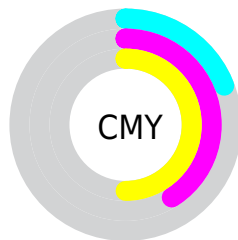
- Red (81%)
- Green (59%)
- Blue (50%)



- Red (81%)
- Yellow (63%)
- Blue (50%)



- Cyan (0%)
- Magenta (27%)
- Yellow (38%)
- Black (19%)



- Cyan (19%)
- Magenta (41%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE9780 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 CE9780 by changing the saturation by 10% instead.



 CE9780

 CE9780

FFFFFF

 B27D67

 FFCDB5

 96644F

 FFEAD1

 7B4C38

 FFFFED

 603522

 471F0D

 2E0A00

 0D0000

 000000

 CE9780

 CE9780

 CE886B

 CEA695

 CE7A57

 CEB4A9

 CE6B42

 CEC3BE

 CE5D2E

 CED1D2

 CE4E19

 CEE0E7

 CE4004

 CEEEF C

 CE3D00

 CEFDF F

 CEFFFF

# Harmonies

## Analogous

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



D49295



CE9780



BD9F74

# Triad

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



CE9780



6EB099



9BA0D1

# Complementary

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



CE9780



80B7CE

# 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.



78A8D2



CE9780



5BB1B2

# Square

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



CE9780



89AD83



5EAEC7



B998C3

# Rectangle

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



CE9780



AEA474



5EAEC7



8FA3D3

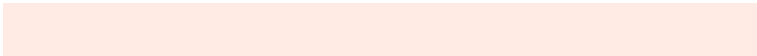


# Sweetspot

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



CE9780



FFEBE3



CE80B8



80746F



000000



808080



# Same Dimension

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



CE9780



FFAE8C



CEBD80



665F5C



A63100



260B00

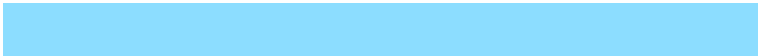


# Inverse Universe

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



80B7CE



8CDDFF



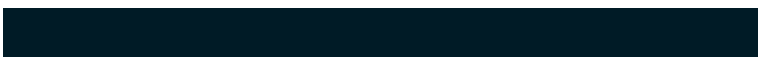
8091CE



5C6366



0075A6



001B26



# Previews

## White Background



This preview shows how the Hex color CE9780 looks on a white background.

## Color Contrast Check

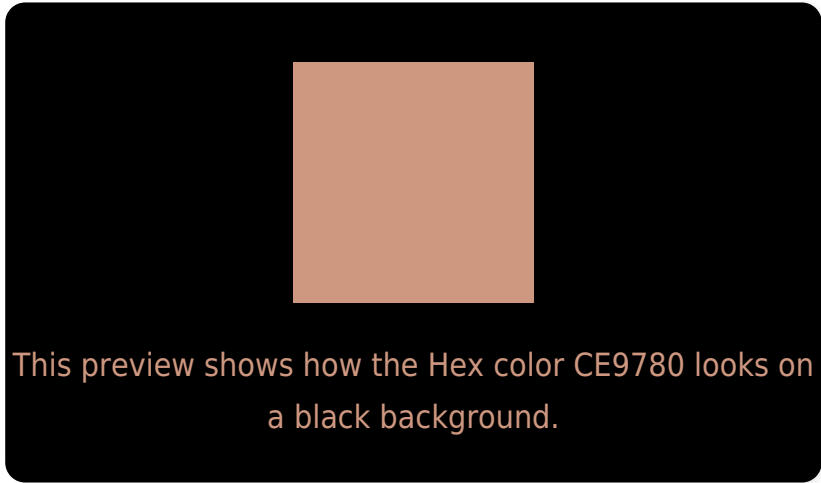
Large Text (above 18pt) WCAG AA × Fail

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

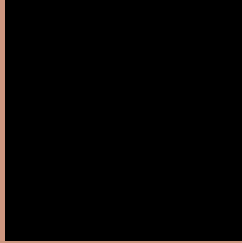
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CE9780 Background



This preview shows how black text looks on a background with the Hex color CE9780.



This preview shows how white text looks on a background with the Hex color CE9780.

# 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**  
CE9780

**Protanopia**  
ADA386

**Deuteranopia**  
C09D7F

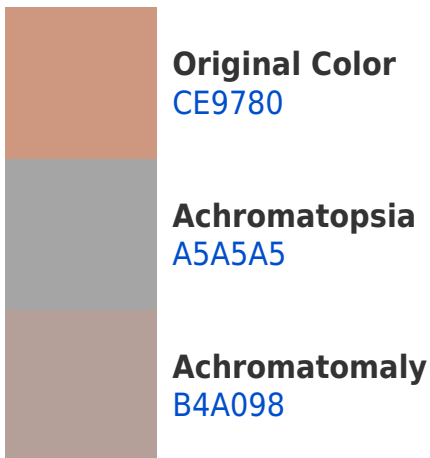


**Tritanopia**  
D1939E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE9780 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 #CE9780 looks like.

```
.text, #text, p{  
    color:#CE9780  
}
```

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 #CE9780 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE9780
}
```

## Border

The CSS property to change the border of an element to Hex CE9780 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
#CE9780 }
```

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

```
.border{ border-color:#CE9780 }
```

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

Here you see how a box with a 4 pixel #CE9780 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE9780; -webkit-box-shadow:4px 4px  
4px 4px #CE9780; box-shadow:4px 4px 4px  
4px #CE9780 }
```

# Background

The CSS property to change the background color of an element to Hex CE9780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE9780 }
```

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

```
.background{ background-color:#CE9780 }
```

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