

# Converting Colors

Hex(CE867A)

Have a look what the booklet for  
Hex(CE867A) contains.

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# **Color**

**Hex(CE867A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CE867A
RGB	206, 134, 122
RGB Percent	81%, 53%, 48%
CMY	0.1922, 0.4745, 0.5216
CMYK	0.00, 0.35, 0.41, 0.19
HSL	9°, 46%, 64%
HSV	9°, 41%, 81%
XYZ	37.4915, 31.5771, 22.5313
YIQ	154.1600, 46.7640, 11.5320

# Conversions

## Conversions Part 2

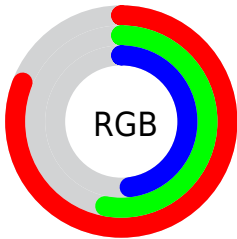
Format	Color
R <sub>Y</sub> B	206, 136, 122
Decimal	13534842
CIE Lab	62.99, 26.21, 17.90
CIE LCh	63, 31.737, 34.325
Yxy	31.5771, 0.4093, 0.3447
Android (android.graphics.Color)	4291724922 (0xFFCE867A)
YUV	154.1600, -15.8549, 45.4637
Hunter-Lab	56.1935, 20.7540, 15.5626

# Details

The Hex color **CE867A** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **7AC2CE**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFBCAE**, and **955349** is the 20% darker color. If you saturate the color by 10%, you get **CE7465**, and if you desaturate by 10%, it is **CE988F**.

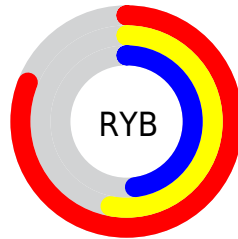
# Distribution



Red (81%)

Green (53%)

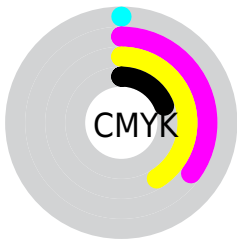
Blue (48%)



Red (81%)

Yellow (53%)

Blue (48%)

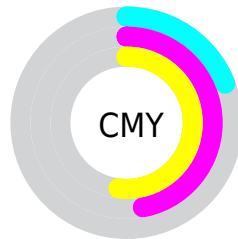


Cyan (0%)

Magenta (35%)

Yellow (41%)

Black (19%)



Cyan (19%)

Magenta (47%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE867A 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 CE867A by changing the saturation by 10% instead.



 CE867A

 CE867A

FFFFFF

 B16C61

 FFBCAE

 955349

 FFD8CA

 7A3B33

 FFF4E6

 5F241D

 450D05

 2D0000

 000000

 CE867A

 CE867A

 CE7465

 CE988F

 CE6351

 CEA9A3

 CE513C

 CEBBB8

 CE3F28

 CECDCD

 CE2E13

 CEDEE1

 CE1D00

 CEF0F6

 CEFFFF

# Harmonies

## Analogous

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



CF8395



CE867A



C08E66

# Triad

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



CE867A



68A67F



789AD0

# Complementary

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



CE867A



7AC2CE

# 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.



4BA2CB



CE867A



45A89C

# Square

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



CE867A



89A069



31A7B7



A190C7

# Rectangle

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



CE867A



B09560



31A7B7



699DD0

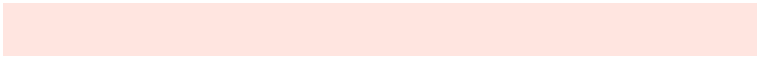


# Sweetspot

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



CE867A



FFE5E0



CE7AC3



80706E



000000



808080



# Same Dimension

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



CE867A



FF9482



CEAF7A



665D5C



A61800



260500

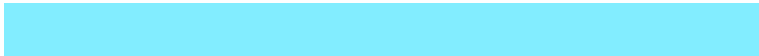


# Inverse Universe

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



7AC2CE



82EDFF



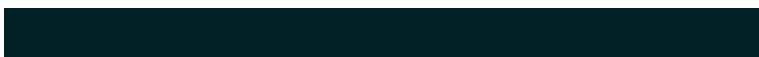
7A99CE



5C6566



008EA6



002126



# Previews

## White Background



This preview shows how the Hex color CE867A looks on a white background.

## Color Contrast Check

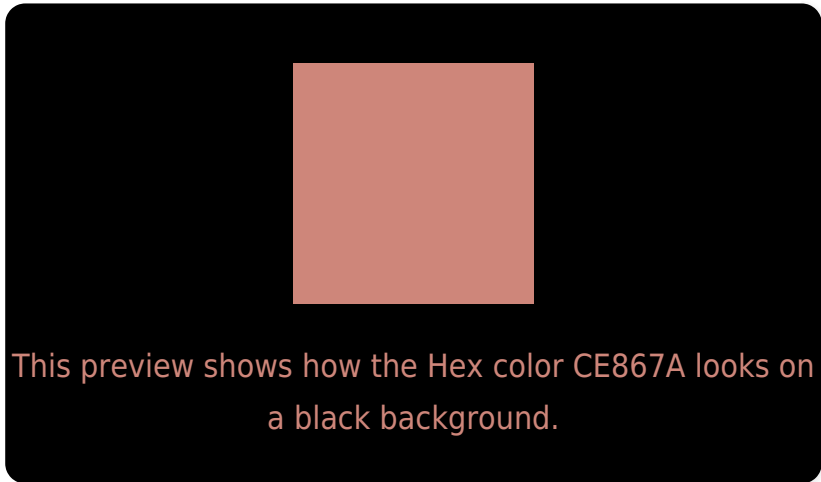
Large Text (above 18pt) WCAG AA × Fail

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 CE867A Background



This preview shows how black text looks on a background with the Hex color CE867A.




This preview shows how white text looks on a background with the Hex color CE867A.

# 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](#).

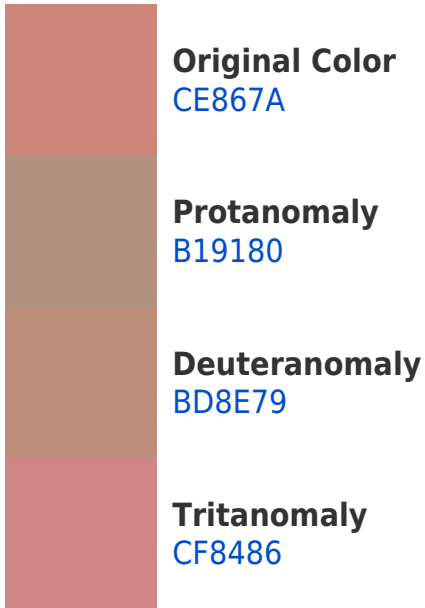
## Dichromacy



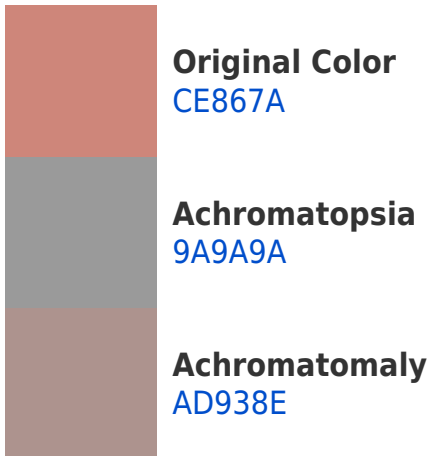


**Tritanopia**  
D0838D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE867A 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 #CE867A looks like.

```
.text, #text, p{  
    color:#CE867A  
}
```

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 #CE867A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE867A
}
```

## Border

The CSS property to change the border of an element to Hex CE867A is called "border". The border property can be set on classes, ids or directly on the HTML element.

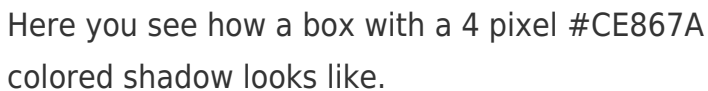
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CE867A }
```

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

```
.border{ border-color:#CE867A }
```

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



Here you see how a box with a 4 pixel #CE867A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE867A; -webkit-box-shadow:4px 4px  
4px 4px #CE867A; box-shadow:4px 4px 4px  
4px #CE867A }
```

# Background

The CSS property to change the background color of an element to Hex CE867A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE867A }
```

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

```
.background{ background-color:#CE867A }
```

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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