

# Converting Colors

Hex(CE7777)

Have a look what the booklet for  
Hex(CE7777) contains.

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# Color

Hex(CE7777)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE7777
RGB	206, 119, 119
RGB Percent	81%, 47%, 47%
CMY	0.1922, 0.5333, 0.5333
CMYK	0.00, 0.42, 0.42, 0.19
HSL	0°, 47%, 64%
HSV	0°, 42%, 81%
XYZ	35.3802, 27.6474, 20.9245
YIQ	145.0130, 51.8520, 18.4440

# Conversions

## Conversions Part 2

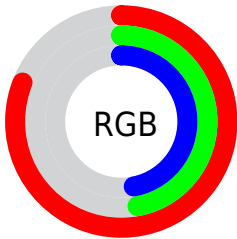
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	206, 119, 119
Decimal	13530999
CIE <sub>Lab</sub>	59.57, 33.95, 14.88
CIE <sub>LCh</sub>	60, 37.064, 23.664
Yxy	27.6474, 0.4214, 0.3293
Android (android.graphics.Color)	4291721079 (0xFFCE7777)
YUV	145.0130, -12.8244, 53.4856
Hunter-Lab	52.5808, 28.0915, 13.2121

# Details

The Hex color **CE7777** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **77CECE**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FFACAB**, and **954447** is the 20% darker color. If you saturate the color by 10%, you get **CE6262**, and if you desaturate by 10%, it is **CE8C8C**.

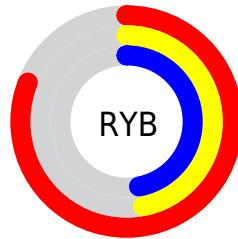
# Distribution



Red (81%)

Green (47%)

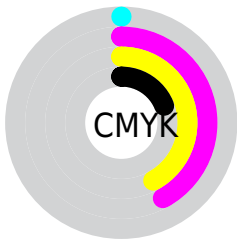
Blue (47%)



Red (81%)

Yellow (47%)

Blue (47%)

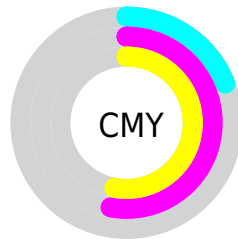


Cyan (0%)

Magenta (42%)

Yellow (42%)

Black (19%)



Cyan (19%)

Magenta (53%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color `CE7777` 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 `CE7777` by changing the saturation by 10% instead.



 CE7777

 CE7777

FFFFFF

 B15D5E

 FFACAB

 954447

 FFC8C6

 792C30

 FFE5E2

 5D121C

 430001

 2C0001

 000000

 CE7777

 CE7777

 CE6262

 CE8C8C

 CE4E4E

 CEA0A0

 CE3939

 CEB5B5

 CE2525

 CEC9C9

 CE1010

 CEDEDE

 CE0000

 CEF3F3

 CEFFFF

# Harmonies

## Analogous

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



C97698



CE7777



C2805C

# Triad

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



CE7777



649D68



4F95D0

# Complementary

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



CE7777



77CECE

# 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.



009DC3



CE7777



33A087

# Square

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



CE7777



8A9552



00A0A9



888ACB

# Rectangle

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



CE7777



B38751



00A0A9



3798CD

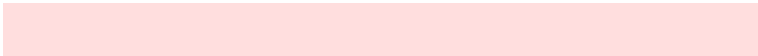


# Sweetspot

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



CE7777



FFDEDE



CE77CE



806B6B



000000



808080



# Same Dimension

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



CE7777



FF7D7D



CEA377



665C5C



A60000



260000



# Inverse Universe

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



77CECE



7DFFFF



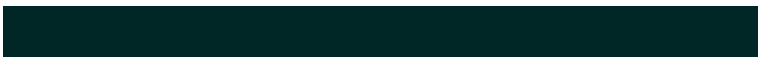
77A3CE



5C6666



00A6A6

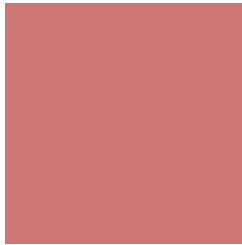


002626



# Previews

## White Background



This preview shows how the Hex color CE7777 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex CE7777 Background



This preview shows how black text looks on a background with the Hex color CE7777.

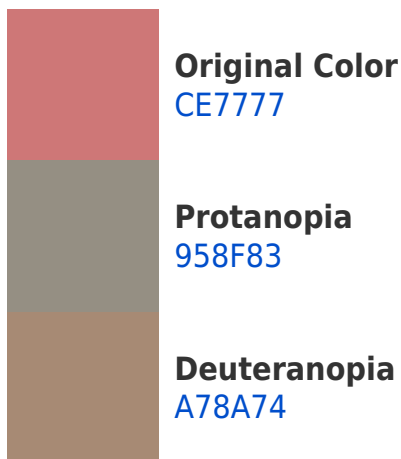


This preview shows how white text looks on a background with the Hex color CE7777.

# 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](#).

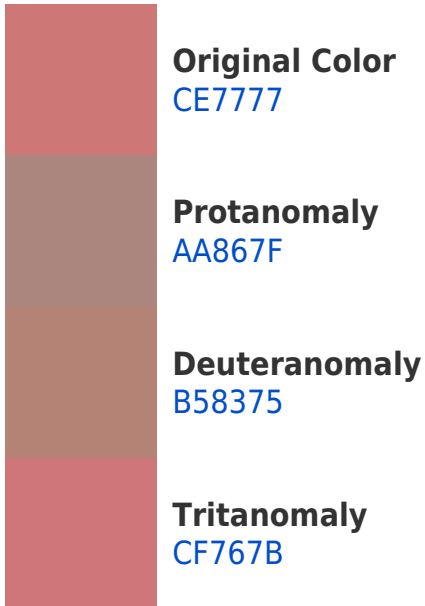
## Dichromacy



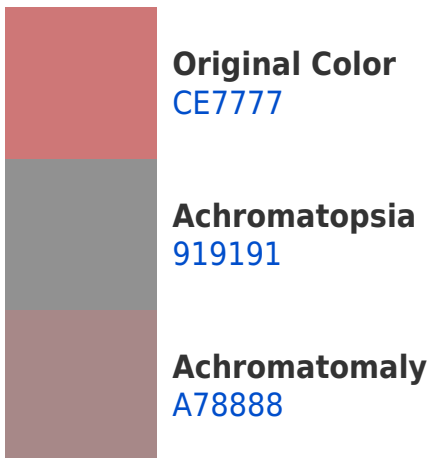


**Tritanopia**  
CF767E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE7777 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 #CE7777 looks like.

```
.text, #text, p{  
    color:#CE7777  
}
```

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 #CE7777 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE7777
}
```

## Border

The CSS property to change the border of an element to Hex CE7777 is called "border". The border property can be set on classes, ids or directly on the HTML element.

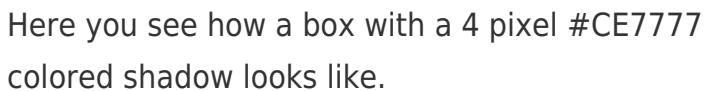
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CE7777 }
```

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

```
.border{ border-color:#CE7777 }
```

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



Here you see how a box with a 4 pixel `#CE7777` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE7777; -webkit-box-shadow:4px 4px  
4px 4px #CE7777; box-shadow:4px 4px 4px  
4px #CE7777 }
```

# Background

The CSS property to change the background color of an element to Hex CE7777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE7777 }
```

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

```
.background{ background-color:#CE7777 }
```

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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