

Converting Colors

Hex(CE7B78)

Have a look what the booklet for
Hex(CE7B78) contains.

Hex(CE7B78)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CE7B78)

Conversions

Conversions Part 1

Format	Color
Hex	CE7B78
RGB	206, 123, 120
RGB Percent	81%, 48%, 47%
CMY	0.1922, 0.5176, 0.5294
CMYK	0.00, 0.40, 0.42, 0.19
HSL	2°, 47%, 64%
HSV	2°, 42%, 81%
XYZ	35.9267, 28.6438, 21.4046
YIQ	147.4750, 50.4310, 16.6630

Conversions

Conversions Part 2

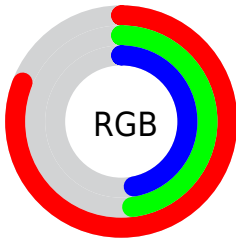
Format	Color
R_{YB}	206, 123, 120
Decimal	13532024
CIE Lab	60.47, 31.92, 15.55
CIE LCh	60, 35.508, 25.967
Yxy	28.6438, 0.4179, 0.3332
Android (android.graphics.Color)	4291722104 (0xFFCE7B78)
YUV	147.4750, -13.5452, 51.3264
Hunter-Lab	53.5199, 26.1633, 13.7517

Details

The Hex color **CE7B78** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **78CBCE**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFB1AC**, and **954948** is the 20% darker color. If you saturate the color by 10%, you get **CE6763**, and if you desaturate by 10%, it is **CE8F8D**.

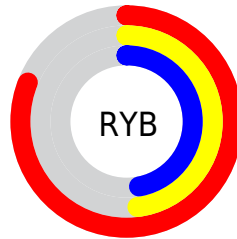
Distribution



Red (81%)

Green (48%)

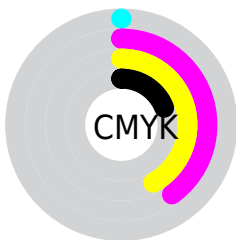
Blue (47%)



Red (81%)

Yellow (48%)

Blue (47%)

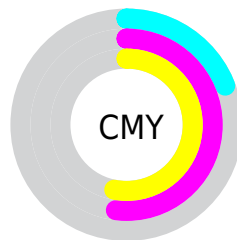


Cyan (0%)

Magenta (40%)

Yellow (42%)

Black (19%)



Cyan (19%)

Magenta (52%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE7B78 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 CE7B78 by changing the saturation by 10% instead.

 CE7B78

 CE7B78

FFFFFF

 B1615F

 FFB1AC

 954948

 FFCCC8

 793031

 FFE9E4

 5E181C

 440002

 2D0001

 000000

 CE7B78

 CE7B78

 CE6763

 CE8F8D

 CE534F

 CEA3A1

 CE3F3A

 CEB7B6

 CE2B26

 CECBCA

 CE1811

 CEDEDF

 CE0700

 CEF2F4

 CEFFFF

Harmonies

Analogous

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



CA7997



CE7B78



C2845F

Triad

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



CE7B78



659F6E



5B96D0

Complementary

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



CE7B78



78CBCE

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.



149EC5



CE7B78



38A28C

Square

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



CE7B78



8A9858



00A2AC



8F8BCA

Rectangle

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



CE7B78



B38B55



00A2AC



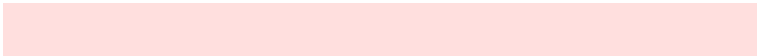
4799CE

Sweetspot

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



CE7B78



FFDFDE



CE78CB



806C6B



000000



808080

Same Dimension

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



CE7B78



FF8480



CEA678



665C5C



A60600



260100

Inverse Universe

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



78CBCE



80FBFF



78A0CE



5C6666



00A0A6



002526

Previews

White Background



This preview shows how the Hex color CE7B78 looks on a white background.

Color Contrast Check

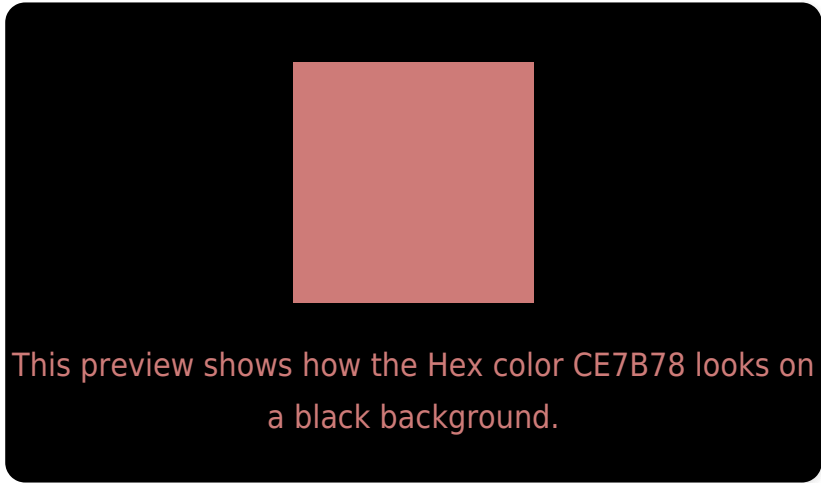
Large Text (above 18pt) WCAG AA ✓ Pass

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 CE7B78 Background



This preview shows how black text looks on a background with the Hex color CE7B78.

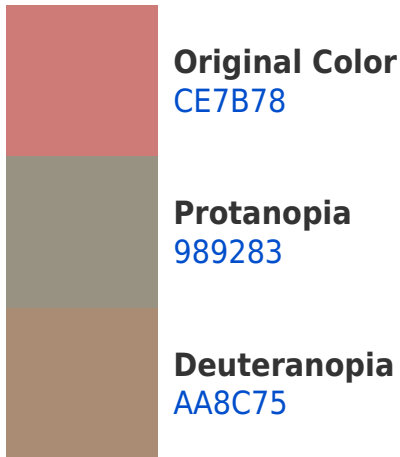


This preview shows how white text looks on a background with the Hex color CE7B78.

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
CF7982

Trichromacy



Original Color
CE7B78

Protanomaly
AC8A7F

Deuteranomaly
B78676

Tritanomaly
CF7A7E

Monochromacy



Original Color
CE7B78

Achromatopsia
939393

Achromatomaly
A88A89

CSS Examples

Text

The CSS property to change the color of the text to Hex CE7B78 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 #CE7B78 looks like.

```
.text, #text, p{  
    color:#CE7B78  
}
```

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 #CE7B78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE7B78  
}
```

Border

The CSS property to change the border of an element to Hex CE7B78 is called "border". The border property can be set on classes, ids or directly on the HTML element.

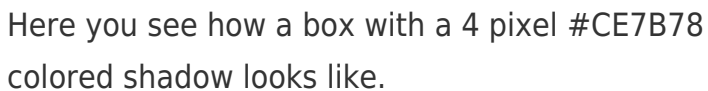
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#CE7B78 }
```

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

```
.border{ border-color:#CE7B78 }
```

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



Here you see how a box with a 4 pixel `#CE7B78` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE7B78; -webkit-box-shadow:4px 4px  
4px 4px #CE7B78; box-shadow:4px 4px 4px  
4px #CE7B78 }
```

Background

The CSS property to change the background color of an element to Hex CE7B78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE7B78 }
```

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

```
.background{ background-color:#CE7B78 }
```

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