

# Converting Colors

Hex(CE7C66)

Have a look what the booklet for  
Hex(CE7C66) contains.

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# Color

Hex(CE7C66)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE7C66
RGB	206, 124, 102
RGB Percent	81%, 49%, 40%
CMY	0.1922, 0.5137, 0.6000
CMYK	0.00, 0.40, 0.50, 0.19
HSL	13°, 51%, 60%
HSV	13°, 50%, 81%
XYZ	35.0595, 28.4964, 16.2229
YIQ	146.0100, 55.9340, 10.5420

# Conversions

## Conversions Part 2

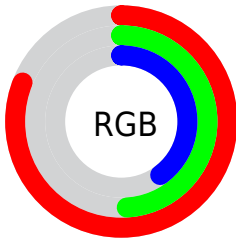
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	206, 130, 102
Decimal	13532262
CIE Lab	60.33, 29.56, 25.58
CIE LCh	60, 39.091, 40.879
Yxy	28.4964, 0.4395, 0.3572
Android (android.graphics.Color)	4291722342 (0xFFCE7C66)
YUV	146.0100, -21.6969, 52.6112
Hunter-Lab	53.3820, 23.8142, 19.3491

# Details

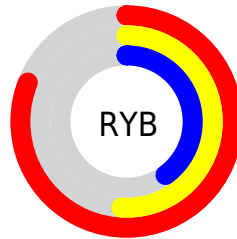
The Hex color **CE7C66** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **66B8CE**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FFB199**, and **944A37** is the 20% darker color. If you saturate the color by 10%, you get **CE6C51**, and if you desaturate by 10%, it is **CE8C7B**.

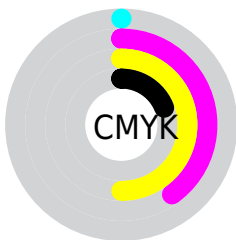
# Distribution



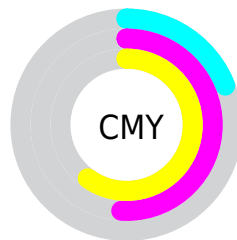
- Red (81%)
- Green (49%)
- Blue (40%)



- Red (81%)
- Yellow (51%)
- Blue (40%)



- Cyan (0%)
- Magenta (40%)
- Yellow (50%)
- Black (19%)



- Cyan (19%)
- Magenta (51%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE7C66 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 CE7C66 by changing the saturation by 10% instead.



 CE7C66

 CE7C66

FFFFFF

 B1624E

 FFB199

 944A37

 FFCDB4

 783221

 FFEAD0

 5D1A0B

 FFFFFEC

 420100

 2B0001

 000000

 CE7C66

 CE7C66

 CE6C51

 CE8C7B

 CE5C3D

 CE9C8F

 CE4B28

 CEADA4

 CE3B14

 CEBDB8

 CE2C00

 CECD CD

 CEDDE2

 CEEEF6

 CEFEFF

 CEFFFF

# Harmonies

## Analogous

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



D37686



CE7C66



BA8850

# Triad

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



CE7C66



47A27A



7191D5

# Complementary

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



CE7C66



66B8CE

# 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.



229BD2



CE7C66



00A49D

# Square

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



CE7C66



759C5C



00A1BE



A584C6

# Rectangle

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



CE7C66



A6904B



00A1BE



5C95D6



# Sweetspot

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



CE7C66



FFE1D9



CE66B9



806D69



000000



808080



# Same Dimension

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



CE7C66



FF8463



CEAF66



665E5C



A62300



260800



# Inverse Universe

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



66B8CE



63DEFF



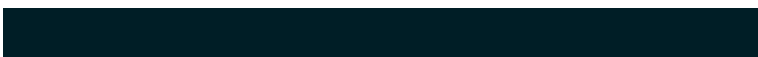
6685CE



5C6466



0083A6



001E26



# Previews

## White Background



This preview shows how the Hex color CE7C66 looks on a white background.

## Color Contrast Check

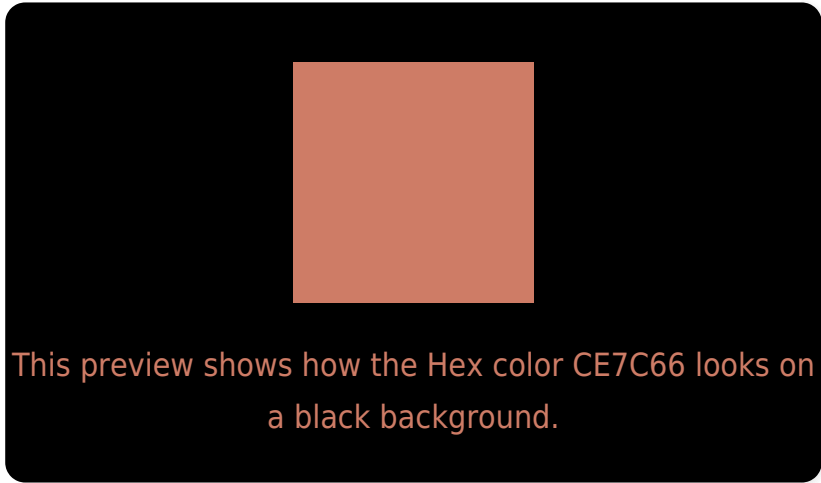
Large Text (above 18pt) WCAG AA ✓ Pass

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 CE7C66 Background



This preview shows how black text looks on a background with the Hex color CE7C66.

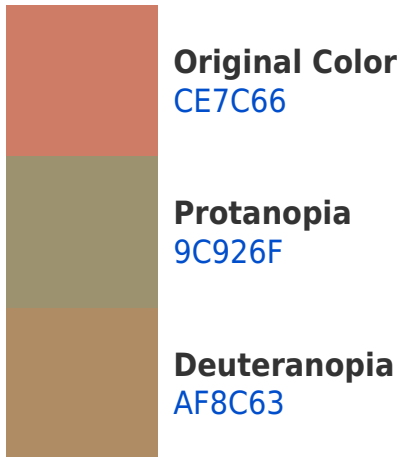


This preview shows how white text looks on a background with the Hex color CE7C66.

# 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**  
D07881

# Trichromacy



**Original Color**  
CE7C66

**Protanomaly**  
AE8A6C

**Deuteranomaly**  
BA8664

**Tritanomaly**  
CF7977

# Monochromacy



**Original Color**  
CE7C66

**Achromatopsia**  
929292

**Achromatomaly**  
A88A82

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE7C66 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 #CE7C66 looks like.

```
.text, #text, p{  
    color:#CE7C66  
}
```

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 #CE7C66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE7C66
}
```

## Border

The CSS property to change the border of an element to Hex CE7C66 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
#CE7C66 }
```

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

```
.border{ border-color:#CE7C66 }
```

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

Here you see how a box with a 4 pixel #CE7C66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE7C66; -webkit-box-shadow:4px 4px  
4px 4px #CE7C66; box-shadow:4px 4px 4px  
4px #CE7C66 }
```

# Background

The CSS property to change the background color of an element to Hex CE7C66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE7C66 }
```

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

```
.background{ background-color:#CE7C66 }
```

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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