

# Converting Colors

Hex(CC8C77)

Have a look what the booklet for  
Hex(CC8C77) contains.

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# **Color**

**Hex(CC8C77)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CC8C77
RGB	204, 140, 119
RGB Percent	80%, 55%, 47%
CMY	0.2000, 0.4510, 0.5333
CMYK	0.00, 0.31, 0.42, 0.20
HSL	15°, 45%, 63%
HSV	15°, 42%, 80%
XYZ	37.6097, 32.9254, 21.8258
YIQ	156.7420, 44.8850, 7.0370

# Conversions

## Conversions Part 2

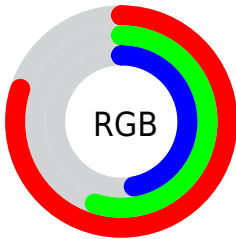
Format	Color
R <sub>Y</sub> B	204, 147, 119
Decimal	13405303
CIE Lab	64.10, 21.82, 21.06
CIE LCh	64, 30.320, 43.984
Yxy	32.9254, 0.4072, 0.3565
Android (android.graphics.Color)	4291595383 (0xFFCC8C77)
YUV	156.7420, -18.6068, 41.4453
Hunter-Lab	57.3807, 16.5801, 17.6145

# Details

The Hex color **CC8C77** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **77B7CC**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFC2AB**, and **945946** is the 20% darker color. If you saturate the color by 10%, you get **CC7D63**, and if you desaturate by 10%, it is **CC9B8B**.

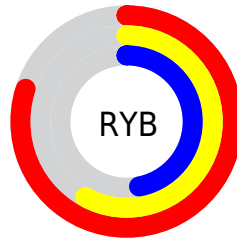
# Distribution



Red (80%)

Green (55%)

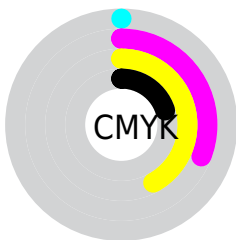
Blue (47%)



Red (80%)

Yellow (58%)

Blue (47%)

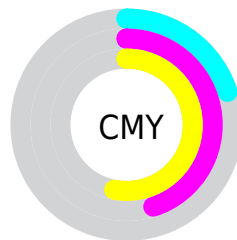


Cyan (0%)

Magenta (31%)

Yellow (42%)

Black (20%)



Cyan (20%)

Magenta (45%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC8C77 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 CC8C77 by changing the saturation by 10% instead.



 CC8C77

 CC8C77

FFFFFF

 AF725E

 FFC2AB

 945946

 FFDEC7

 784230

 FFFBE3

 5E2B1B

 441401

 2B0000

 000000

 CC8C77

 CC8C77

 CC7D63

 CC9B8B

 CC6D4E

 CCABA0

 CC5E3A

 CCBAB4

 CC4F25

 CCC9C9

 CC3F11

 CCD9DD

 CC3200

 CCE8F1

 CCF8FF

 CCFFFF

# Harmonies

## Analogous

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



D18790



CC8C77



BB9568

# Triad

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



CC8C77



63A98C



8A9AD0

# Complementary

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



CC8C77



77B7CC

# 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.



61A2CF



CC8C77



46AAA7

# Square

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



CC8C77



83A574



42A8C0



AF90C2

# Rectangle

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



CC8C77



AA9B65



42A8C0



7C9DD1

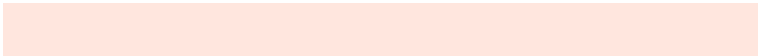


# Sweetspot

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



CC8C77



FFE6DE



CC77B8



80706B



000000



808080



# Same Dimension

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



CC8C77



FF9F80



CCB577



665E5C



A62900



260900

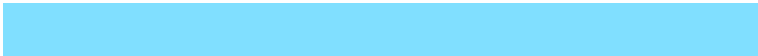


# Inverse Universe

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



77B7CC



80DFFF



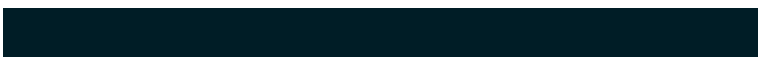
778ECC



5C6366



007DA6



001D26



# Previews

## White Background



This preview shows how the Hex color CC8C77 looks on a white background.

## Color Contrast Check

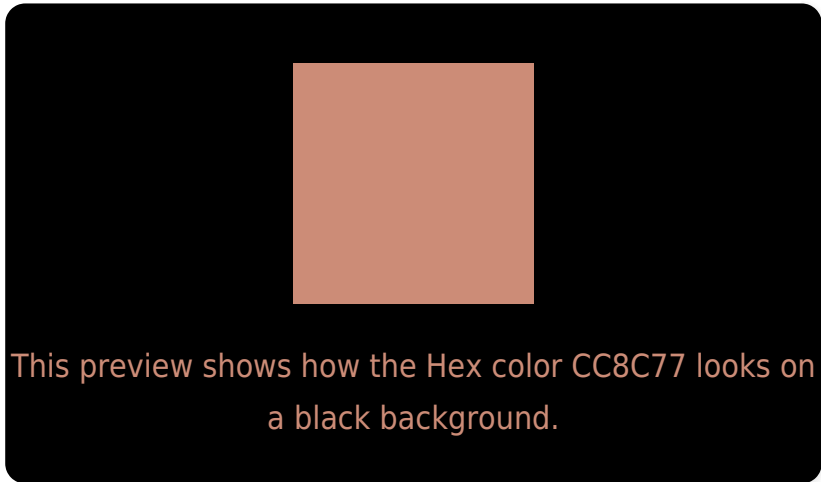
Large Text (above 18pt) WCAG AA × Fail

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 CC8C77 Background



This preview shows how black text looks on a background with the Hex color CC8C77.

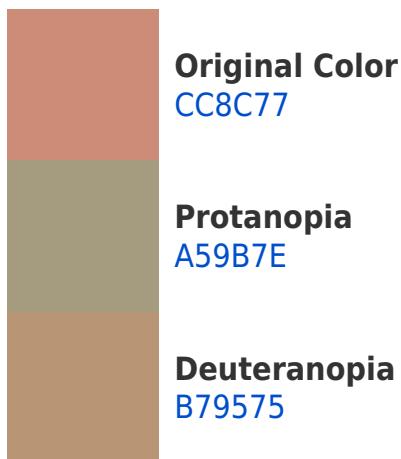


This preview shows how white text looks on a background with the Hex color CC8C77.

# 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





# Trichromacy



**Original Color**  
CC8C77

**Protanomaly**  
B3967B

**Deuteranomaly**  
BF9276

**Tritanomaly**  
CD8988

# Monochromacy



**Original Color**  
CC8C77

**Achromatopsia**  
9D9D9D

**Achromatomaly**  
AE978F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC8C77 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 #CC8C77 looks like.

```
.text, #text, p{  
    color:#CC8C77  
}
```

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 #CC8C77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC8C77  
}
```

## Border

The CSS property to change the border of an element to Hex CC8C77 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  
#CC8C77 }
```

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

```
.border{ border-color:#CC8C77 }
```

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

Here you see how a box with a 4 pixel #CC8C77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC8C77; -webkit-box-shadow:4px 4px  
4px 4px #CC8C77; box-shadow:4px 4px 4px  
4px #CC8C77 }
```

# Background

The CSS property to change the background color of an element to Hex CC8C77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC8C77 }
```

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

```
.background{ background-color:#CC8C77 }
```

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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