

# Converting Colors

Hex(CB9577)

Have a look what the booklet for  
Hex(CB9577) contains.

<b>Hex(CB9577)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(CB9577)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CB9577
RGB	203, 149, 119
RGB Percent	80%, 58%, 47%
CMY	0.2039, 0.4157, 0.5333
CMYK	0.00, 0.27, 0.41, 0.20
HSL	21°, 45%, 63%
HSV	21°, 41%, 80%
XYZ	38.7058, 35.5233, 22.2694
YIQ	161.7260, 41.8140, 2.1180

# Conversions

## Conversions Part 2

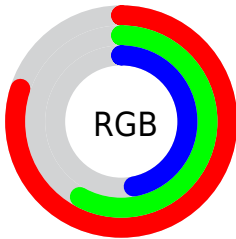
Format	Color
R <sub>Y</sub> B	203, 166, 119
Decimal	13342071
CIE Lab	66.15, 16.50, 23.81
CIE LCh	66, 28.965, 55.282
Yxy	35.5233, 0.4011, 0.3681
Android (android.graphics.Color)	4291532151 (0xFFCB9577)
YUV	161.7260, -21.0639, 36.1973
Hunter-Lab	59.6014, 11.6173, 19.5679

# Details

The Hex color **CB9577** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **77ADCB**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFCBAB**, and **936246** is the 20% darker color. If you saturate the color by 10%, you get **CB8863**, and if you desaturate by 10%, it is **CBA28B**.

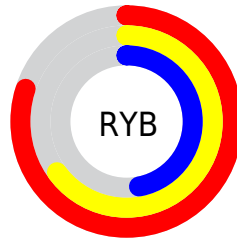
# Distribution



Red (80%)

Green (58%)

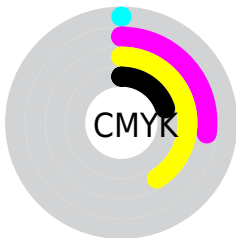
Blue (47%)



Red (80%)

Yellow (65%)

Blue (47%)

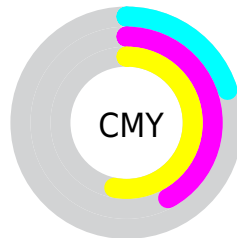


Cyan (0%)

Magenta (27%)

Yellow (41%)

Black (20%)



Cyan (20%)

Magenta (42%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB9577 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 CB9577 by changing the saturation by 10% instead.



 CB9577

 CB9577

FFFFFF

 AF7B5E

 FFCBAB

 936246

 FFE7C7

 784A2F

 FFFFE3

 5D331A

 441D01

 2B0800

 000000

 CB9577

 CB9577

 CB8863

 CBA28B

 CB7B4E

 CBAFA0

 CB6E3A

 CBBCB4

 CB6126

 CBC9C8

 CB5411

 CBD6DD

 CB4900

 CBE3F1

 CBF0FF

 CBFDFD

 CBFDDF

# Harmonies

## Analogous

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



D58F8C



CB9577



B79E6D

# Triad

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



CB9577



61AF9C



9F9CD0

# Complementary

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



CB9577



77ADCB

# 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.



79A5D4



CB9577



4DAFB6

# Square

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



CB9577



7EAC82



57ABCB



BE93BF

# Rectangle

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



CB9577



A6A36E



57ABCB



929FD3

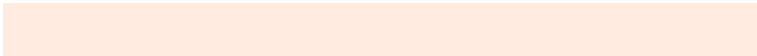


# Sweetspot

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



CB9577



FFEBE0



CB77AE



80746E



000000



808080



# Same Dimension

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



CB9577



FFAD80



CBBE77



665F5C



A63B00



260E00

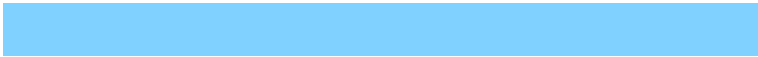


# Inverse Universe

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



77ADCB



80D1FF



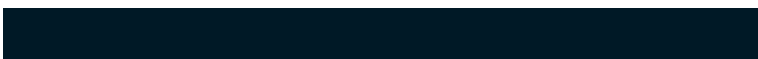
7784CB



5C6266



006BA6



001926



# Previews

## White Background



This preview shows how the Hex color CB9577 looks on a white background.

## Color Contrast Check

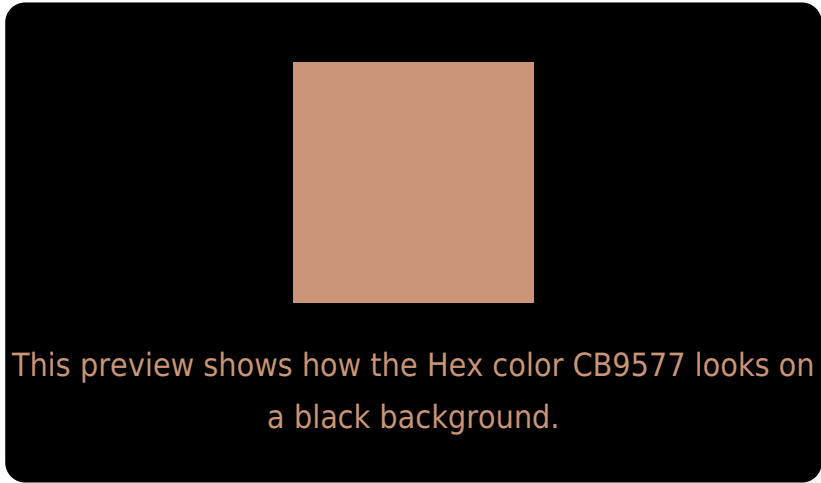
Large Text (above 18pt) WCAG AA × Fail

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

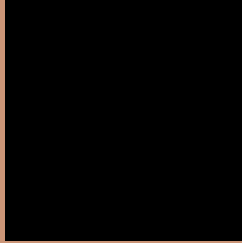
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CB9577 Background



This preview shows how black text looks on a background with the Hex color CB9577.



This preview shows how white text looks on a background with the Hex color CB9577.

# 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



**Original Color**  
CB9577

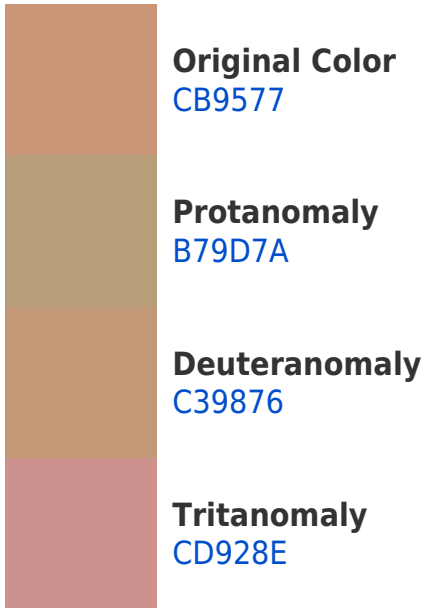
**Protanopia**  
ACA17C

**Deuteranopia**  
BF9A76

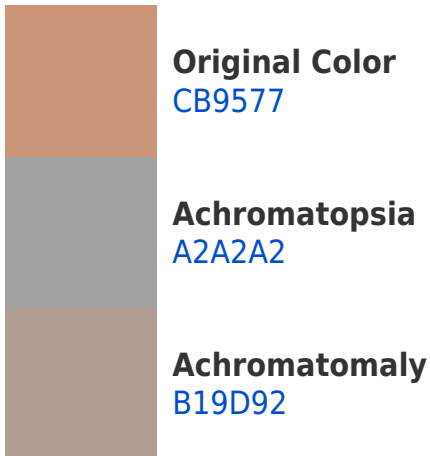


**Tritanopia**  
CE909B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB9577 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 #CB9577 looks like.

```
.text, #text, p{  
    color:#CB9577  
}
```

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 #CB9577 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB9577
}
```

## Border

The CSS property to change the border of an element to Hex CB9577 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
#CB9577 }
```

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

```
.border{ border-color:#CB9577 }
```

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

Here you see how a box with a 4 pixel #CB9577 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB9577; -webkit-box-shadow:4px 4px  
4px 4px #CB9577; box-shadow:4px 4px 4px  
4px #CB9577 }
```

# Background

The CSS property to change the background color of an element to Hex CB9577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB9577 }
```

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

```
.background{ background-color:#CB9577 }
```

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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