

# Converting Colors

Hex(C88677)

Have a look what the booklet for  
Hex(C88677) contains.

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# **Color**

**Hex(C88677)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C88677
RGB	200, 134, 119
RGB Percent	78%, 53%, 47%
CMY	0.2157, 0.4745, 0.5333
CMYK	0.00, 0.33, 0.40, 0.22
HSL	11°, 42%, 63%
HSV	11°, 40%, 78%
XYZ	35.6743, 30.6615, 21.4908
YIQ	152.0240, 44.1510, 9.3270

# Conversions

## Conversions Part 2

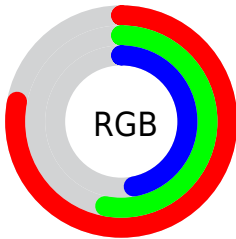
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	200, 137, 119
Decimal	13141623
CIE <sub>Lab</sub>	62.22, 23.51, 18.42
CIE <sub>LCh</sub>	62, 29.865, 38.073
Yxy	30.6615, 0.4062, 0.3491
Android (android.graphics.Color)	4291331703 (0xFFC88677)
YUV	152.0240, -16.2808, 42.0750
Hunter-Lab	55.3728, 18.0974, 15.7499

# Details

The Hex color **C88677** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **77B9C8**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFBCAB**, and **905447** is the 20% darker color. If you saturate the color by 10%, you get **C87663**, and if you desaturate by 10%, it is **C8968B**.

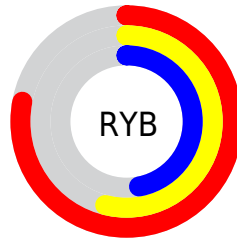
# Distribution



Red (78%)

Green (53%)

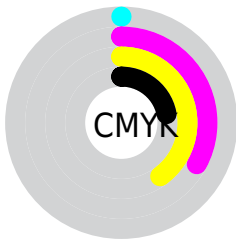
Blue (47%)



Red (78%)

Yellow (54%)

Blue (47%)

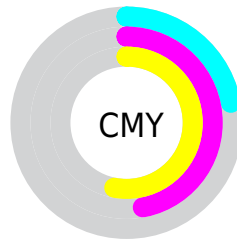


Cyan (0%)

Magenta (33%)

Yellow (40%)

Black (22%)



Cyan (22%)

Magenta (47%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C88677 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 C88677 by changing the saturation by 10% instead.



 C88677

FFFFFF

 FFBCAB

 FFD8C7

 FFF4E3

 C88677

 AC6C5E

 905447

 753C30

 5A251B

 410E01

 290000

 000000

 C88677

 C87663

 C88677

 C8968B

 C8654F

 C8A79F

 C8553B

 C8B7B3

 C84527

 C8C7C7

 C83513

 C8D7DB

 C82500

 C8E8EF

 C8F8FF

 C8FFFF

# Harmonies

## Analogous

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



CA8290



C88677



B98E66

# Triad

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



C88677



65A382



7E97CA

# Complementary

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



C88677



77B9C8

# 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.



559EC7



C88677



47A59D

# Square

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



C88677



859F6C



3CA3B6



A38DC0

# Rectangle

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



C88677



AA9461



3CA3B6



7099CB

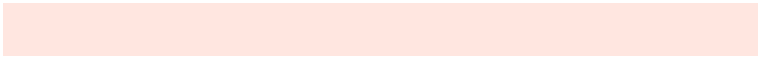


# Sweetspot

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



C88677



FFE6E0



C877B9



80716E



000000



808080



# Same Dimension

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



C88677



FF9982



C8AE77



635B5A



A31E00



240700

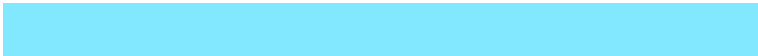


# Inverse Universe

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



77B9C8



82E8FF



7791C8



5A6263



0085A3



001D24



# Previews

## White Background



This preview shows how the Hex color C88677 looks on a white background.

## Color Contrast Check

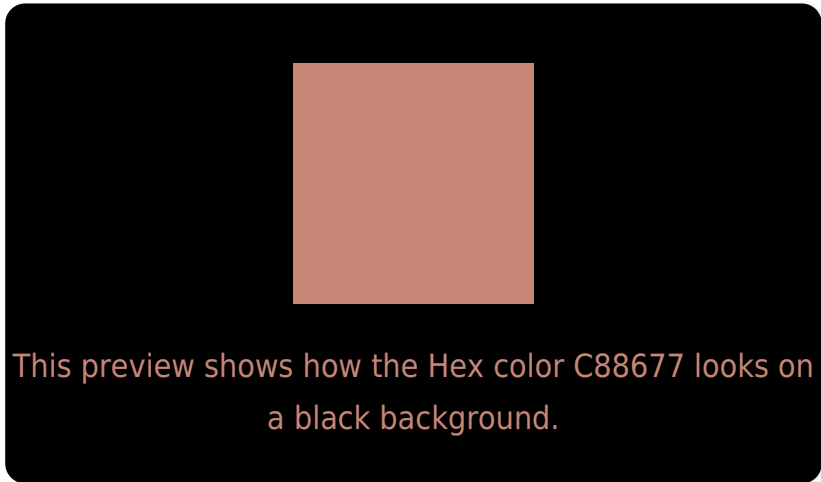
Large Text (above 18pt) WCAG AA × Fail

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 C88677 Background



This preview shows how black text looks on a background with the Hex color C88677.



This preview shows how white text looks on a background with the Hex color C88677.

# 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**  
C88677

**Protanopia**  
9F967F

**Deuteranopia**  
B19175



# Trichromacy



**Original Color**  
C88677

**Protanomaly**  
AE907C

**Deuteranomaly**  
B98D76

**Tritanomaly**  
C98485

# Monochromacy



**Original Color**  
C88677

**Achromatopsia**  
989898

**Achromatomaly**  
A9918C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C88677 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 #C88677 looks like.

```
.text, #text, p{  
    color:#C88677  
}
```

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 #C88677 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C88677
}
```

## Border

The CSS property to change the border of an element to Hex C88677 is called "border". The border property can be set on classes, ids or directly on the HTML element.

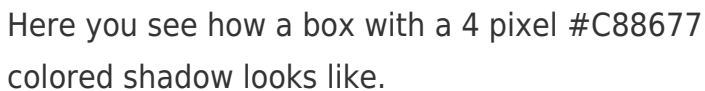
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C88677 }
```

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

```
.border{ border-color:#C88677 }
```

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



Here you see how a box with a 4 pixel #C88677 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C88677; -webkit-box-shadow:4px 4px  
4px 4px #C88677; box-shadow:4px 4px 4px  
4px #C88677 }
```

# Background

The CSS property to change the background color of an element to Hex C88677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C88677 }
```

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

```
.background{ background-color:#C88677 }
```

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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