

Converting Colors

Hex(CC7867)

Have a look what the booklet for
Hex(CC7867) contains.

Hex(CC7867)	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(CC7867)

Conversions

Conversions Part 1

Format	Color
Hex	CC7867
RGB	204, 120, 103
RGB Percent	80%, 47%, 40%
CMY	0.2000, 0.5294, 0.5961
CMYK	0.00, 0.41, 0.50, 0.20
HSL	10°, 50%, 60%
HSV	10°, 50%, 80%
XYZ	34.0665, 27.2496, 16.2962
YIQ	143.1780, 55.5210, 12.5210

Conversions

Conversions Part 2

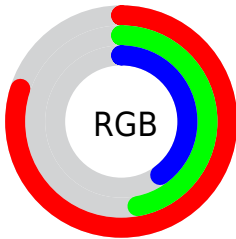
Format	Color
R_YB	204, 123, 103
Decimal	13400167
CIE Lab	59.20, 31.01, 23.48
CIE LCh	59, 38.894, 37.128
Yxy	27.2496, 0.4389, 0.3511
Android (android.graphics.Color)	4291590247 (0xFFCC7867)
YUV	143.1780, -19.8078, 53.3409
Hunter-Lab	52.2011, 25.1372, 18.0316

Details

The Hex color **CC7867** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **67BBCC**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FFAD9A**, and **924638** is the 20% darker color. If you saturate the color by 10%, you get **CC6753**, and if you desaturate by 10%, it is **CC897B**.

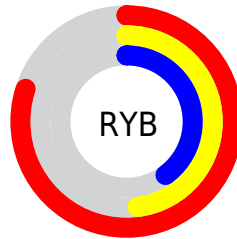
Distribution



Red (80%)

Green (47%)

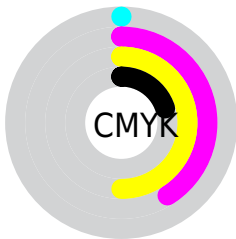
Blue (40%)



Red (80%)

Yellow (48%)

Blue (40%)

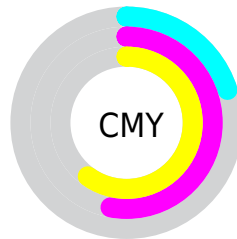


Cyan (0%)

Magenta (41%)

Yellow (50%)

Black (20%)



Cyan (20%)

Magenta (53%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC7867 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 CC7867 by changing the saturation by 10% instead.

 CC7867

 CC7867

FFFFFF

 AF5F4F

 FFAD9A

 924638

 FFC9B5

 762E22

 FFE5D1

 5B150D

 FFFFED

 400000

 290001

 000000

 CC7867

 CC7867

 CC6753

 CC897B

 CC563E

 CC9A90

 CC452A

 CCABA4

 CC3415

 CCBCB9

 CC2301

 CCCDCD

 CC2200

 CCDEE1

 CCEFF6

 CCFFFF

Harmonies

Analogous

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



CF7388



CC7867



B98350

Triad

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



CC7867



4B9E73



678FD2

Complementary

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



CC7867



67BBCC

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.



0399CD



CC7867



00A096

Square

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



CC7867



779956



009FB7



9D82C5

Rectangle

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



CC7867



A78B49



009FB7



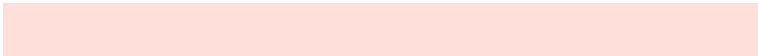
5093D2

Sweetspot

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



CC7867



FFDFD9



CC67BB



806C69



000000



808080

Same Dimension

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



CC7867



FF8269



CCAA67



665E5C



A61C00



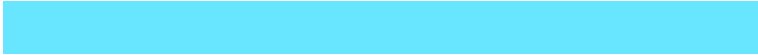
260600

Inverse Universe

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



67BBCC



69E6FF



6789CC



5C6466



008AA6



002026

Previews

White Background



This preview shows how the Hex color CC7867 looks on a white background.

Color Contrast Check

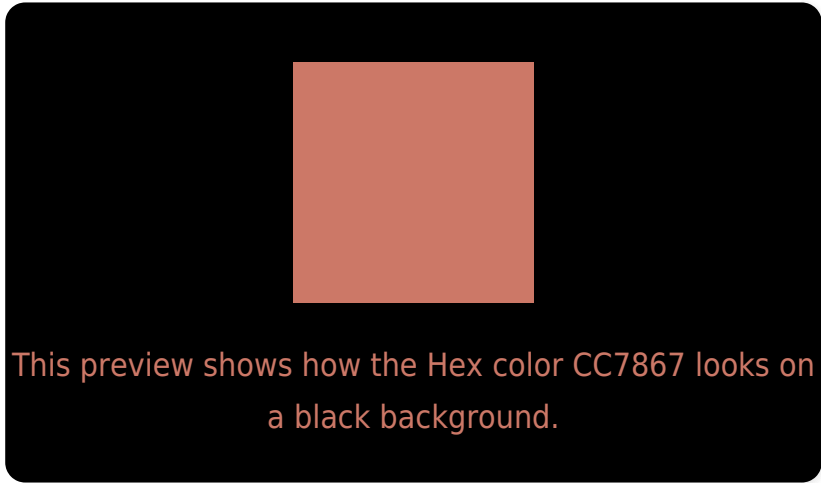
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC7867 Background



This preview shows how black text looks on a background with the Hex color CC7867.



This preview shows how white text looks on a background with the Hex color CC7867.

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
CC7867

Protanopia
988F71

Deuteranopia
AA8964

Trichromacy



Original Color
CC7867

Protanomaly
AB876D

Deuteranomaly
B68365

Tritanomaly
CD7675

Monochromacy



Original Color
CC7867

Achromatopsia
8F8F8F

Achromatomaly
A58780

CSS Examples

Text

The CSS property to change the color of the text to Hex CC7867 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 #CC7867 looks like.

```
.text, #text, p{  
    color:#CC7867  
}
```

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 #CC7867 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC7867  
}
```

Border

The CSS property to change the border of an element to Hex CC7867 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  
#CC7867 }
```

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

```
.border{ border-color:#CC7867 }
```

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

Here you see how a box with a 4 pixel #CC7867 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC7867; -webkit-box-shadow:4px 4px  
4px 4px #CC7867; box-shadow:4px 4px 4px  
4px #CC7867 }
```

Background

The CSS property to change the background color of an element to Hex CC7867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC7867 }
```

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

```
.background{ background-color:#CC7867 }
```

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