

Converting Colors

Hex(CA786C)

Have a look what the booklet for
Hex(CA786C) contains.

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Color

Hex(CA786C)

Conversions

Conversions Part 1

Format	Color
Hex	CA786C
RGB	202, 120, 108
RGB Percent	79%, 47%, 42%
CMY	0.2078, 0.5294, 0.5765
CMYK	0.00, 0.41, 0.47, 0.21
HSL	8°, 47%, 61%
HSV	8°, 47%, 79%
XYZ	33.7804, 27.0722, 17.6324
YIQ	143.1500, 52.7240, 13.6520

Conversions

Conversions Part 2

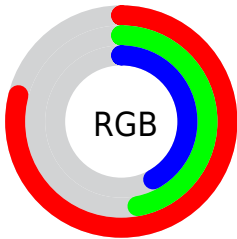
Format	Color
R _Y B	202, 122, 108
Decimal	13269100
CIE Lab	59.04, 30.72, 20.37
CIE LCh	59, 36.856, 33.547
Yxy	27.0722, 0.4304, 0.3449
Android (android.graphics.Color)	4291459180 (0xFFCA786C)
YUV	143.1500, -17.3290, 51.6114
Hunter-Lab	52.0310, 24.8344, 16.3293

Details

The Hex color **CA786C** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **6CBECA**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FFAD9F**, and **91463C** is the 20% darker color. If you saturate the color by 10%, you get **CA6658**, and if you desaturate by 10%, it is **CA8A80**.

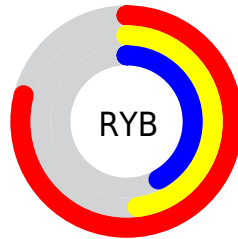
Distribution



Red (79%)

Green (47%)

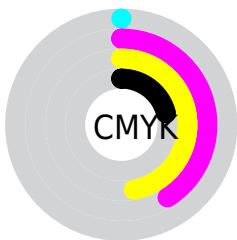
Blue (42%)



Red (79%)

Yellow (48%)

Blue (42%)

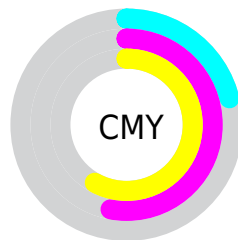


Cyan (0%)

Magenta (41%)

Yellow (47%)

Black (21%)



Cyan (21%)

Magenta (53%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA786C 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 CA786C by changing the saturation by 10% instead.

 CA786C

 CA786C

FFFFFF

 AD5F54

 FFAD9F

 91463C

 FFC9BA

 752E27

 FFE5D6

 5A1612

 FFFFF3

 3F0000

 280001

 000000

 CA786C

 CA786C

 CA6658

 CA8A80

CA5544

CA9B94

CA432F

CAADA9

CA321B

CABEBD

CA2007

CAD0D1

CA1A00

CAE2E5

CAF3F9

CAFFFF

Harmonies

Analogous

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



CB748B



CA786C



BA8255

Triad

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



CA786C



559D70



6390CE

Complementary

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



CA786C



6CBECA

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.



1399C7



CA786C



199F91

Square

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



CA786C



7D9757



009EB1



9684C4

Rectangle

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



CA786C



A98A4D



009EB1



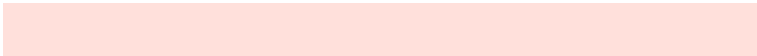
4E93CE

Sweetspot

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



CA786C



FFE0DB



CA6CBF



806D6A



000000



808080

Same Dimension

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



CA786C



FF8270



CAA66C



665D5C



A61500



260500

Inverse Universe

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



6CBECA



70EDFF



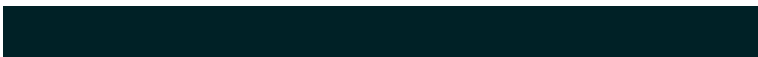
6C90CA



5C6566



0091A6



002126

Previews

White Background



This preview shows how the Hex color CA786C looks on a white background.

Color Contrast Check

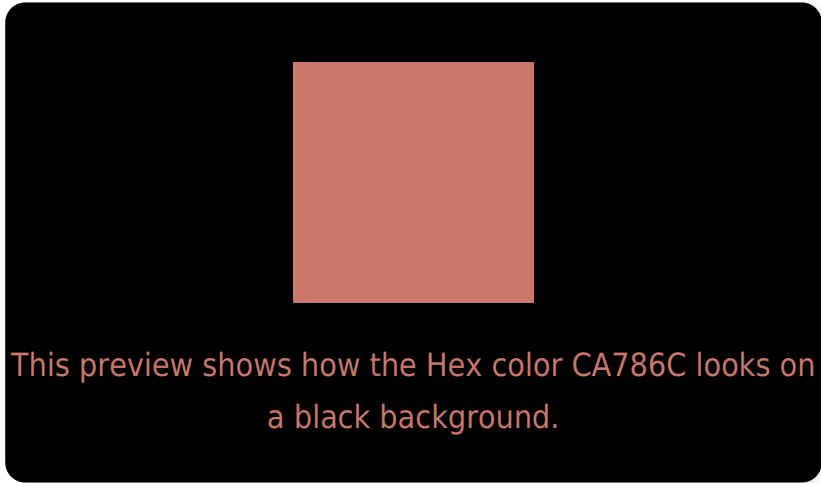
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA786C Background



This preview shows how black text looks on a background with the Hex color CA786C.



This preview shows how white text looks on a background with the Hex color CA786C.

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](#).

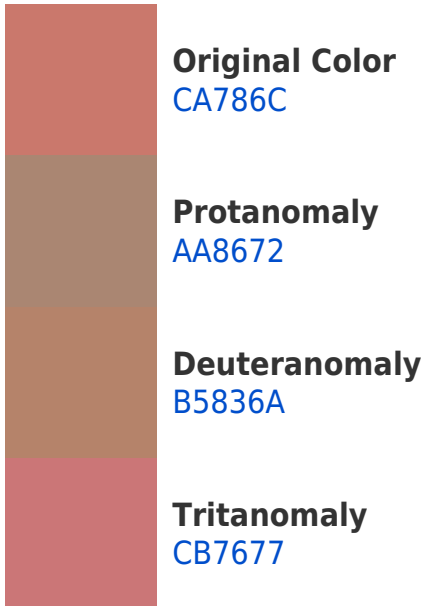
Dichromacy



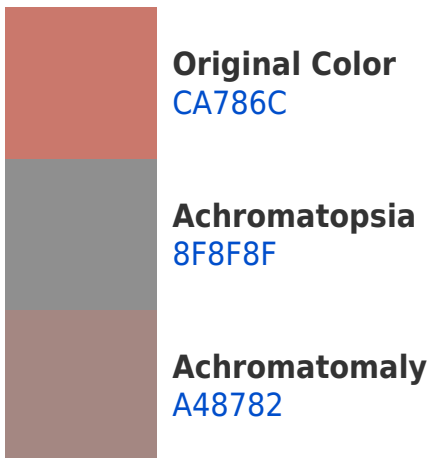


Tritanopia
CB757E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA786C 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 #CA786C looks like.

```
.text, #text, p{  
    color:#CA786C  
}
```

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 #CA786C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA786C }  
}
```

Border

The CSS property to change the border of an element to Hex CA786C is called "border". The border property can be set on classes, ids or directly on the HTML element.

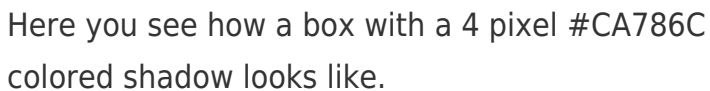
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #CA786C }  
}
```

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

```
.border{ border-color:#CA786C }
```

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



Here you see how a box with a 4 pixel #CA786C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA786C; -webkit-box-shadow:4px 4px  
4px 4px #CA786C; box-shadow:4px 4px 4px  
4px #CA786C }
```

Background

The CSS property to change the background color of an element to Hex CA786C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA786C }
```

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

```
.background{ background-color:#CA786C }
```

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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