

# Converting Colors

Hex(CA766D)

Have a look what the booklet for  
Hex(CA766D) contains.

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# Color

**Hex(CA766D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CA766D
RGB	202, 118, 109
RGB Percent	79%, 46%, 43%
CMY	0.2078, 0.5373, 0.5725
CMYK	0.00, 0.42, 0.46, 0.21
HSL	6°, 47%, 61%
HSV	6°, 46%, 79%
XYZ	33.5959, 26.6176, 17.8350
YIQ	142.0900, 52.9530, 15.0090

# Conversions

## Conversions Part 2

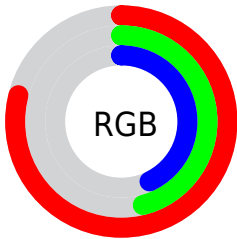
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	202, 119, 109
Decimal	13268589
CIE Lab	58.62, 31.89, 19.22
CIE LCh	59, 37.238, 31.080
Yxy	26.6176, 0.4304, 0.3410
Android (android.graphics.Color)	4291458669 (0xFFCA766D)
YUV	142.0900, -16.3134, 52.5411
Hunter-Lab	51.5922, 25.9495, 15.6185




# Details

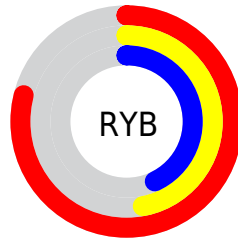
The Hex color **CA766D** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **6DC1CA**, and the grayscale version is **8E8E8E**.




A 20% lighter version of the original color is **FFABA1**, and **91443D** is the 20% darker color. If you saturate the color by 10%, you get **CA6459**, and if you desaturate by 10%, it is **CA8881**.

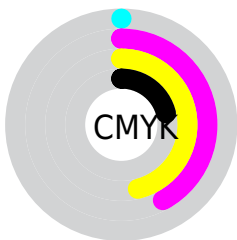
# Distribution







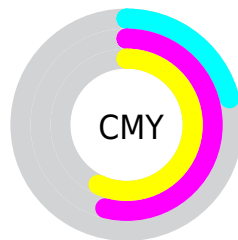
-  Red (79%)
-  Green (46%)
-  Blue (43%)






-  Red (79%)
-  Yellow (47%)
-  Blue (43%)



-  Cyan (0%)
-  Magenta (42%)
-  Yellow (46%)
-  Black (21%)



-  Cyan (21%)
-  Magenta (54%)
-  Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA766D 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 CA766D by changing the saturation by 10% instead.



 CA766D

 CA766D

FFFFFF

 AD5D55

 FFABA1

 91443D

 FFC7BC

 752C28

 FFE3D7

 591313

 FFFFF4

 3F0000

 270001

 000000

 CA766D

 CA766D

 CA6459

 CA8881

■ CA5245

■ CA9A95

■ CA3F30

■ CAADAA

■ CA2D1C

■ CABFBE

■ CA1B08

■ CAD1D2

■ CA1400

■ CAE3E6

■ CAF6FA

■ CAFFFF

# Harmonies

## Analogous

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



CA738D



CA766D



BB8055

# Triad

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



CA766D



569B6C



5C90CE

# Complementary

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



CA766D



6DC1CA

# 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.



0099C5



CA766D



1B9E8D

# Square

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



CA766D



7F9554



009DAE



9284C5

# Rectangle

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



CA766D



AA884C



009DAE



4593CD

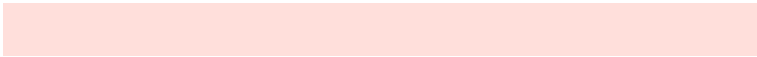


# Sweetspot

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



CA766D



FFDFDB



CA6DC2



806C6A



000000



808080



# Same Dimension

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



CA766D



FF8073



CAA36D



665D5C



A61000



260400



# Inverse Universe

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



6DC1CA



73F1FF



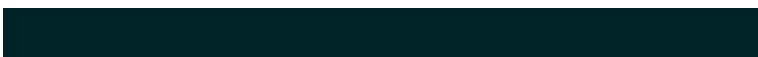
6D94CA



5C6566



0096A6



002326



# Previews

## White Background



This preview shows how the Hex color CA766D looks on a white background.

## Color Contrast Check

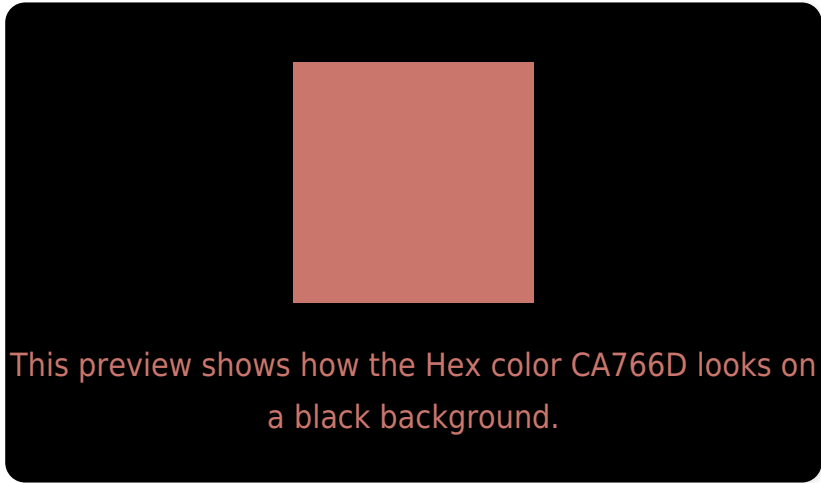
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA766D Background



This preview shows how black text looks on a background with the Hex color CA766D.




This preview shows how white text looks on a background with the Hex color CA766D.

# 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**  
CB747C

# Trichromacy



**Original Color**  
CA766D

**Protanomaly**  
A88574

**Deuteranomaly**  
B4816B

**Tritanomaly**  
CB7577

# Monochromacy



**Original Color**  
CA766D

**Achromatopsia**  
8E8E8E

**Achromatomaly**  
A48582

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA766D 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 #CA766D looks like.

```
.text, #text, p{  
    color:#CA766D  
}
```

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 #CA766D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA766D
}
```

## Border

The CSS property to change the border of an element to Hex CA766D 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
#CA766D }
```

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

```
.border{ border-color:#CA766D }
```

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

Here you see how a box with a 4 pixel #CA766D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA766D; -webkit-box-shadow:4px 4px  
4px 4px #CA766D; box-shadow:4px 4px 4px  
4px #CA766D }
```

# Background

The CSS property to change the background color of an element to Hex CA766D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA766D }
```

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

```
.background{ background-color:#CA766D }
```

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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