

# Converting Colors

Hex(CA806B)

Have a look what the booklet for  
Hex(CA806B) contains.

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**Color**

**Hex(CA806B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CA806B
RGB	202, 128, 107
RGB Percent	79%, 50%, 42%
CMY	0.2078, 0.4980, 0.5804
CMYK	0.00, 0.37, 0.47, 0.21
HSL	13°, 47%, 61%
HSV	13°, 47%, 79%
XYZ	34.7301, 29.0564, 17.6879
YIQ	147.7320, 50.8450, 9.1570

# Conversions

## Conversions Part 2

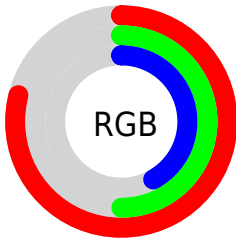
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	202, 134, 107
Decimal	13271147
CIE <sub>Lab</sub>	60.83, 26.29, 23.34
CIE <sub>LCh</sub>	61, 35.155, 41.600
Yxy	29.0564, 0.4263, 0.3566
Android (android.graphics.Color)	4291461227 (0xFFCA806B)
YUV	147.7320, -20.0809, 47.5930
Hunter-Lab	53.9040, 20.6748, 18.2776

# Details

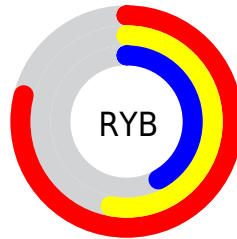
The Hex color **CA806B** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **6BB5CA**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFB59F**, and **914E3B** is the 20% darker color. If you saturate the color by 10%, you get **CA7057**, and if you desaturate by 10%, it is **CA907F**.

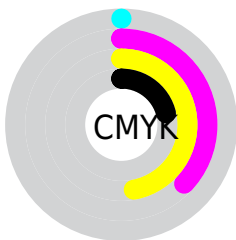
# Distribution



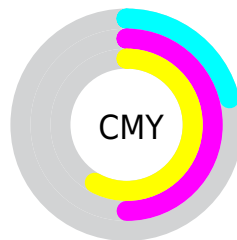
- Red (79%)
- Green (50%)
- Blue (42%)



- Red (79%)
- Yellow (53%)
- Blue (42%)



- Cyan (0%)
- Magenta (37%)
- Yellow (47%)
- Black (21%)



- Cyan (21%)
- Magenta (50%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA806B 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 CA806B by changing the saturation by 10% instead.



 CA806B

 CA806B

FFFFFF

 AD6653

 FFB59F

 914E3B

 FFD1BA

 753625

 FFEED5

 5A1F11

 FFFFF2

 400700

 290001

 000000

 CA806B

 CA806B

 CA7057

 CA907F

CA6143

CA9F93

CA512E

CAAFA8

CA411A

CABFBC

CA3106

CACFD0

CA2D00

CADEE4

CAEEF8

CAFEFF

CAFFFF

# Harmonies

## Analogous

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



CF7A88



CA806B



B78A58

# Triad

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



CA806B



51A27E



7992CF

# Complementary

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



CA806B



6BB5CA

# 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.



409BCD



CA806B



1EA39E

# Square

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



CA806B



799D63



00A1BB



A686C1

# Rectangle

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



CA806B



A59154



00A1BB



6795D0

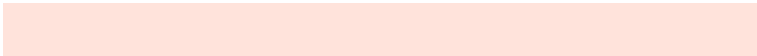


# Sweetspot

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



CA806B



FFE3DB



CA6BB5



806F6A



000000



808080



# Same Dimension

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



CA806B



FF9070



CAAF6B



665E5C



A62500



260800



# Inverse Universe

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



6BB5CA



70DFFF



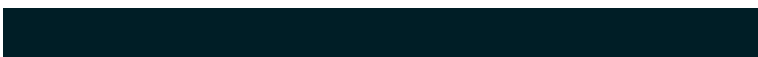
6B86CA



5C6466



0081A6



001E26



# Previews

## White Background



This preview shows how the Hex color CA806B looks on a white background.

## Color Contrast Check

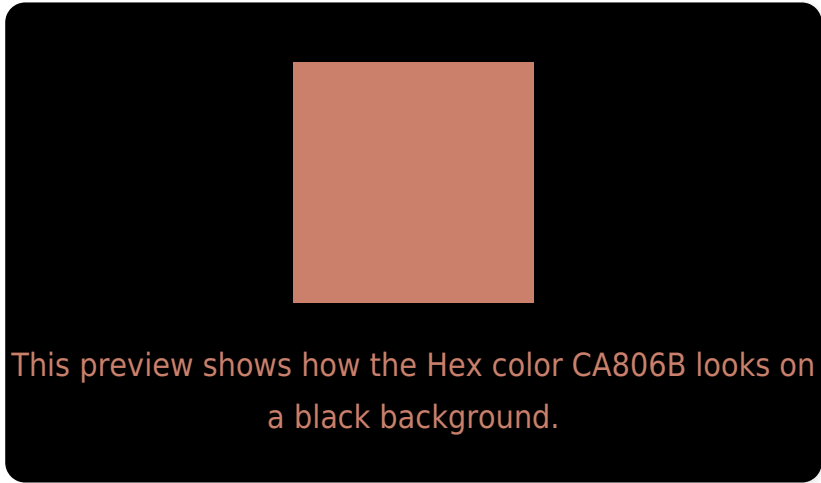
Large Text (above 18pt) WCAG AA ✓ Pass

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

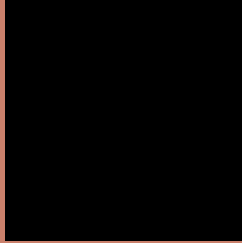
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex CA806B Background



This preview shows how black text looks on a background with the Hex color CA806B.

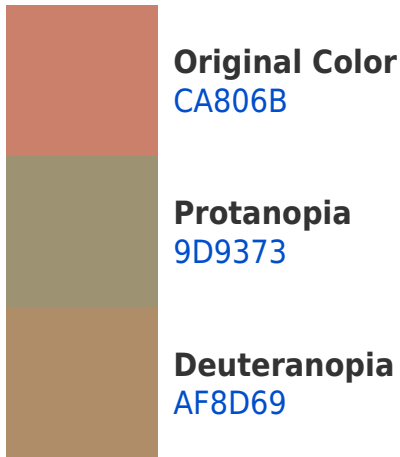


This preview shows how white text looks on a background with the Hex color CA806B.

# Color Blindness Simulation

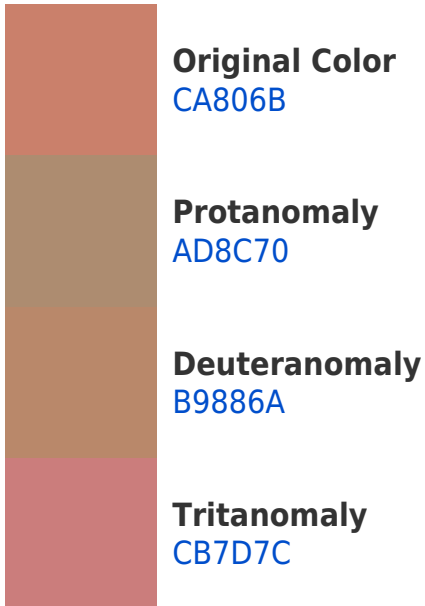
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA806B 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 #CA806B looks like.

```
.text, #text, p{  
    color:#CA806B  
}
```

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 #CA806B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA806B
}
```

## Border

The CSS property to change the border of an element to Hex CA806B 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
#CA806B }
```

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

```
.border{ border-color:#CA806B }
```

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

Here you see how a box with a 4 pixel #CA806B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA806B; -webkit-box-shadow:4px 4px  
4px 4px #CA806B; box-shadow:4px 4px 4px  
4px #CA806B }
```

# Background

The CSS property to change the background color of an element to Hex CA806B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA806B }
```

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

```
.background{ background-color:#CA806B }
```

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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