

# Converting Colors

Hex(CBA477)

Have a look what the booklet for  
Hex(CBA477) contains.

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# **Color**

**Hex(CBA477)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBA477
RGB	203, 164, 119
RGB Percent	80%, 64%, 47%
CMY	0.2039, 0.3569, 0.5333
CMYK	0.00, 0.19, 0.41, 0.20
HSL	32°, 45%, 63%
HSV	32°, 41%, 80%
XYZ	41.2338, 40.5793, 23.1121
YIQ	170.5310, 37.6890, -5.7270

# Conversions

## Conversions Part 2

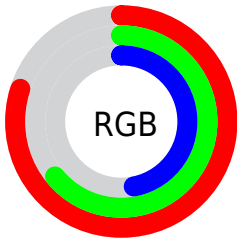
Format	Color
<a href="#">RYB</a>	<a href="#">192, 203, 119</a>
Decimal	<a href="#">13345911</a>
CIELab	<a href="#">69.88, 8.33, 28.76</a>
CIElCh	<a href="#">70, 29.948, 73.841</a>
Yxy	<a href="#">40.5793, 0.3930, 0.3867</a>
Android (android.graphics.Color)	<a href="#">4291535991 (0xFFCBA477)</a>
YUV	<a href="#">170.5310, -25.4048, 28.4753</a>
Hunter-Lab	<a href="#">63.7019, 4.0635, 23.0800</a>

# Details

The Hex color **CBA477** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **779ECB**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFDBAC**, and **937046** is the 20% darker color. If you saturate the color by 10%, you get **CB9B63**, and if you desaturate by 10%, it is **CBAD8B**.

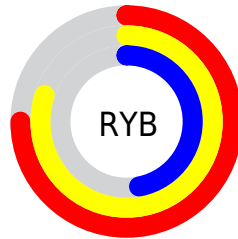
# Distribution



Red (80%)

Green (64%)

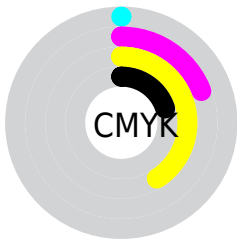
Blue (47%)



Red (75%)

Yellow (80%)

Blue (47%)

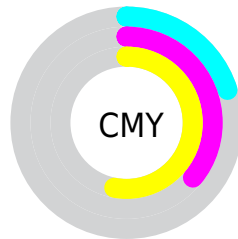


Cyan (0%)

Magenta (19%)

Yellow (41%)

Black (20%)



Cyan (20%)

Magenta (36%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBA477 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 CBA477 by changing the saturation by 10% instead.





CBA477



CBA477

FFFFFF



AF8A5E



FFDBAC



937046



FFF7C7



78582F



FFFFE3



5E4119



452B00



2C1600



120000



000000



CBA477



CBA477

 CB9B63

 CBAD8B

 CB914E

 CBB7A0

 CB883A

 CBC0B4

 CB7E26

 CBCAC8

 CB7511

 CBD3DD

 CB6D00

 CBDDF1

 CBE6FF

 CBEFFF

 CBF9FF

# Harmonies

## Analogous

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



DC9B86



CBA477



B1AD76

# Triad

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



CBA477



59BAB7



BE9FD2

# Complementary

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



CBA477



779ECB

# 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.



9AA9DF



CBA477



56B7CF

# Square

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



CBA477



73B99B



72B2DE



D798BB

# Rectangle

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



CBA477



9DB27D



72B2DE



B3A3D8

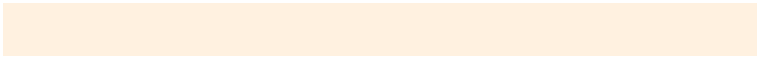


# Sweetspot

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



CBA477



FFF1E0



CB779E



80776E



000000



808080



# Same Dimension

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



CBA477



FFC480



C8CB77



66615C



A65900



261400

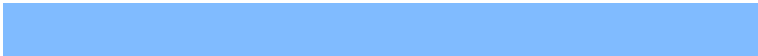


# Inverse Universe

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



779ECB



80BBFF



7A77CB



5C6166



004DA6



001226



# Previews

## White Background



This preview shows how the Hex color CBA477 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



This preview shows how the Hex color CBA477 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

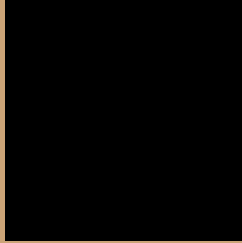
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CBA477 Background



This preview shows how black text looks on a background with the Hex color CBA477.

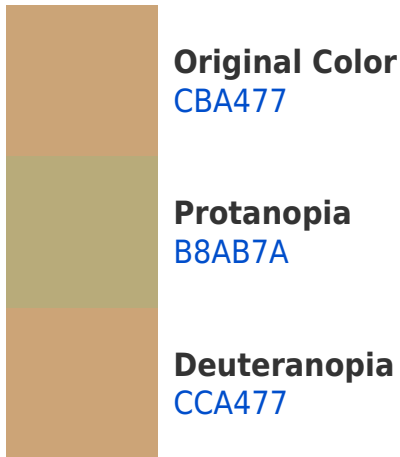


This preview shows how white text looks on a background with the Hex color CBA477.

# 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](#).

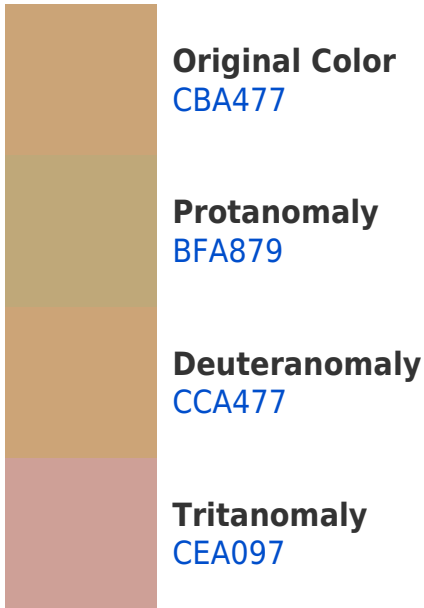
## Dichromacy



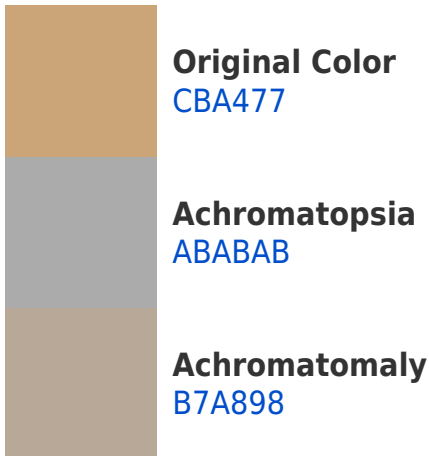


**Tritanopia**  
D09DAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBA477 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 #CBA477 looks like.

```
.text, #text, p{  
    color:#CBA477  
}
```

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 #CBA477 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBA477
}
```

## Border

The CSS property to change the border of an element to Hex CBA477 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
#CBA477 }
```

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

```
.border{ border-color:#CBA477 }
```

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

Here you see how a box with a 4 pixel #CBA477 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBA477; -webkit-box-shadow:4px 4px  
4px 4px #CBA477; box-shadow:4px 4px 4px  
4px #CBA477 }
```

# Background

The CSS property to change the background color of an element to Hex CBA477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBA477 }
```

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

```
.background{ background-color:#CBA477 }
```

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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