

# Converting Colors

Hex(CBA764)

Have a look what the booklet for  
Hex(CBA764) contains.

<b>Hex(CBA764)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(CBA764)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBA764
RGB	203, 167, 100
RGB Percent	80%, 65%, 39%
CMY	0.2039, 0.3451, 0.6078
CMYK	0.00, 0.18, 0.51, 0.20
HSL	39°, 50%, 59%
HSV	39°, 51%, 80%
XYZ	40.7476, 41.2540, 17.8718
YIQ	170.1260, 42.9630, -13.2050

# Conversions

## Conversions Part 2

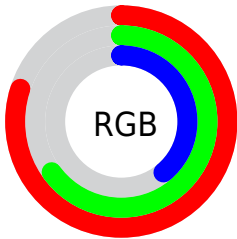
<b>Format</b>	<b>Color</b>
<b>RYB</b>	155, 203, 100
Decimal	13346660
CIELab	70.35, 4.80, 39.38
CIELCh	70, 39.672, 83.050
Yxy	41.2540, 0.4080, 0.4131
Android (android.graphics.Color)	4291536740 (0xFFCBA764)
YUV	170.1260, -34.5721, 28.8305
Hunter-Lab	64.2293, 0.8405, 28.4631

# Details

The Hex color **CBA764** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6488CB**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFDE98**, and **937333** is the 20% darker color. If you saturate the color by 10%, you get **CBA050**, and if you desaturate by 10%, it is **CBAE78**.

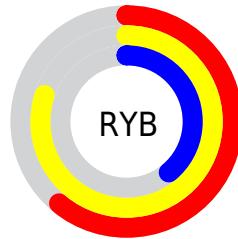
# Distribution



Red (80%)

Green (65%)

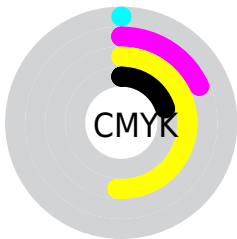
Blue (39%)



Red (61%)

Yellow (80%)

Blue (39%)

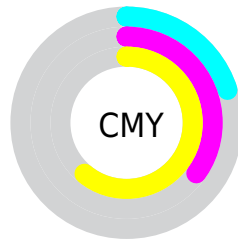


Cyan (0%)

Magenta (18%)

Yellow (51%)

Black (20%)



Cyan (20%)

Magenta (35%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBA764 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 CBA764 by changing the saturation by 10% instead.



 CBA764

 CBA764

FFFFFF

 AE8D4B

 FFDE98

 937333

 FFFBB3

 775B1B

 FFFFCF

 5D4401

 FFFFEC

 432D00

 2A1900

 0E0000

 000000

 CBA764

 CBA764

 CBA050

 CBAE78

 CB993B

 CBB58D

 CB9227

 CBBCA1

 CB8B13

 CBC3B5

 CB8400

 CBCACA

 CBD2DE

 CBD9F2

 CBE0FF

 CBE7FF

# Harmonies

## Analogous

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



E69A74



CBA764



A7B268

# Triad

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



CBA764



00BFC7



D199D8

# Complementary

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



CBA764



6488CB

# 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.



A4A6EE



CBA764



16BBE5

# Square

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



CBA764



4CBFA2



67B2F3



EC90B6

# Rectangle

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



CBA764



8CB876



67B2F3



C49DE1



# Sweetspot

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



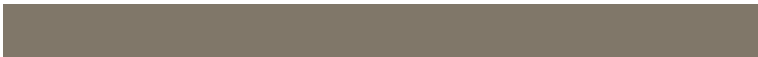
CBA764



FFF2D9



CB6488



807769



000000



808080



# Same Dimension

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



CBA764



FFC963



BCCB64



66625C



A66C00



261900



# Inverse Universe

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



6488CB



639AFF



7364CB



5C5F66



003AA6



000D26



# Previews

## White Background



This preview shows how the Hex color CBA764 looks on a white background.

## Color Contrast Check

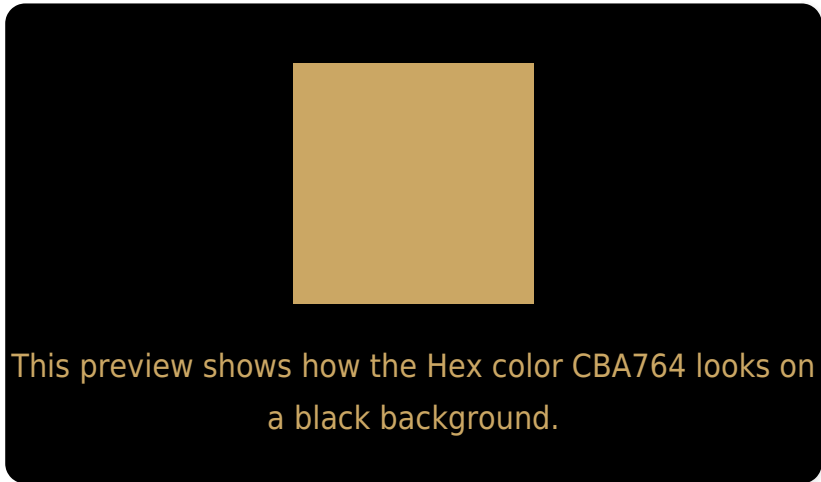
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 CBA764 Background



This preview shows how black text looks on a background with the Hex color CBA764.

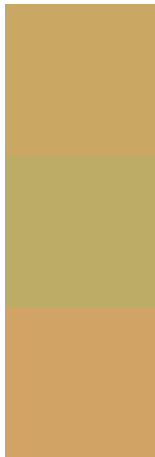


This preview shows how white text looks on a background with the Hex color CBA764.

# 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**  
CBA764

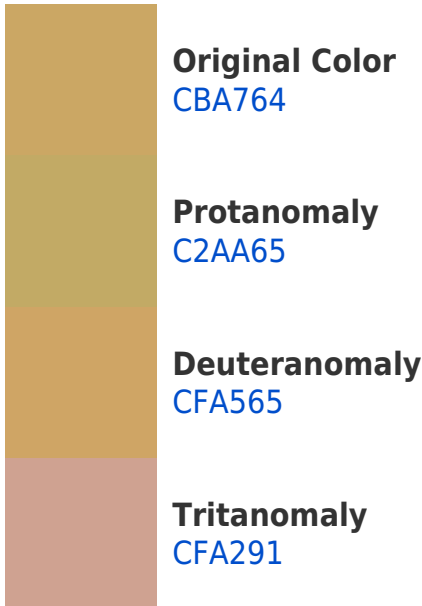
**Protanopia**  
BDAC66

**Deuteranopia**  
D1A465

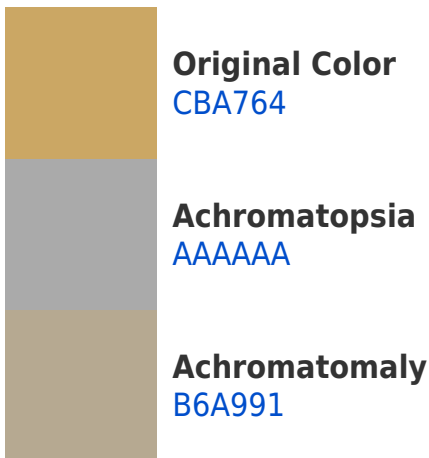


**Tritanopia**  
D19FAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBA764 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 #CBA764 looks like.

```
.text, #text, p{  
    color:#CBA764  
}
```

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 #CBA764 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBA764
}
```

## Border

The CSS property to change the border of an element to Hex CBA764 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
#CBA764 }
```

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

```
.border{ border-color:#CBA764 }
```

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

Here you see how a box with a 4 pixel #CBA764 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBA764; -webkit-box-shadow:4px 4px  
4px 4px #CBA764; box-shadow:4px 4px 4px  
4px #CBA764 }
```

# Background

The CSS property to change the background color of an element to Hex CBA764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBA764 }
```

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

```
.background{ background-color:#CBA764 }
```

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