

# Converting Colors

Hex(CBA66A)

Have a look what the booklet for  
Hex(CBA66A) contains.

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# **Color**

**Hex(CBA66A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBA66A
RGB	203, 166, 106
RGB Percent	80%, 65%, 42%
CMY	0.2039, 0.3490, 0.5843
CMYK	0.00, 0.18, 0.48, 0.20
HSL	37°, 48%, 61%
HSV	37°, 48%, 80%
XYZ	40.8663, 41.0096, 19.3974
YIQ	170.2230, 41.3120, -10.8160

# Conversions

## Conversions Part 2

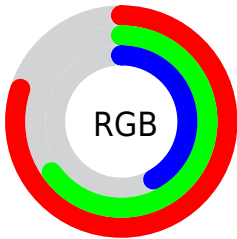
Format	Color
<a href="#">RYB</a>	<a href="#">166, 203, 106</a>
Decimal	<a href="#">13346410</a>
CIELab	<a href="#">70.18, 5.90, 36.05</a>
CIELCh	<a href="#">70, 36.535, 80.701</a>
Yxy	<a href="#">41.0096, 0.4035, 0.4049</a>
Android (android.graphics.Color)	<a href="#">4291536490 (0xFFCBA66A)</a>
YUV	<a href="#">170.2230, -31.6619, 28.7454</a>
Hunter-Lab	<a href="#">64.0387, 1.8422, 26.8681</a>

# Details

The Hex color **CBA66A** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6A8FCB**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFDD9E**, and **937239** is the 20% darker color. If you saturate the color by 10%, you get **CB9E56**, and if you desaturate by 10%, it is **CBAE7E**.

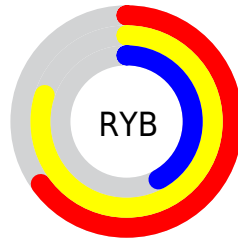
# Distribution



Red (80%)

Green (65%)

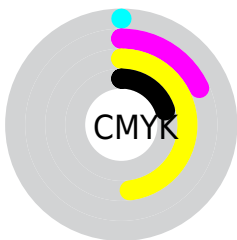
Blue (42%)



Red (65%)

Yellow (80%)

Blue (42%)

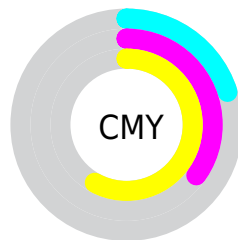


Cyan (0%)

Magenta (18%)

Yellow (48%)

Black (20%)



Cyan (20%)

Magenta (35%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBA66A 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 CBA66A by changing the saturation by 10% instead.



 CBA66A

FFFFFF

 FFDD9E

 FFF9B9

 FFFFFD5

 FFFFFF2

 CBA66A

 AF8C51

 937239

 785A22

 5D4309

 442C00

 2A1800

 100000

 000000

 CBA66A

 CBA66A

 CB9E56

 CBAE7E

 CB9741

 CBB593

 CB8F2D

 CBBDA7

 CB8719

 CBC5BB

 CB7F05

 CBCDD0

 CB7E00

 CBD4E4

 CBDCF8

 CBE4FF

 CBECFF

# Harmonies

## Analogous

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



E39B7A



CBA66A



AAB16C

# Triad

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



CBA66A



30BDC2



CB9BD6

# Complementary

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



CBA66A



6A8FCB

# 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.



A1A7E9



CBA66A



35BADE

# Square

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



CBA66A



5ABDA0



6BB2EC



E593B7

# Rectangle

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



CBA66A



91B678



6BB2EC



BF9FDE

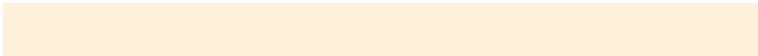


# Sweetspot

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



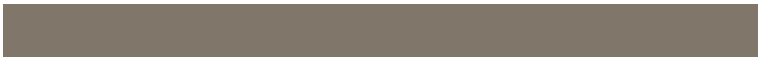
CBA66A



FFF1DB



CB6A8F



80776A



000000



808080



# Same Dimension

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



CBA66A



FFC86E



C0CB6A



66625C



A66700



261800

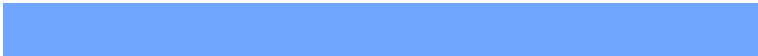


# Inverse Universe

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



6A8FCB



6EA5FF



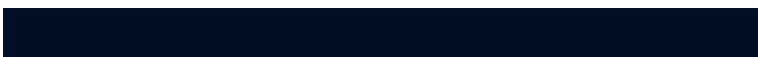
756ACB



5C6066



003FA6



000F26



# Previews

## White Background



This preview shows how the Hex color CBA66A looks on a white background.

## Color Contrast Check

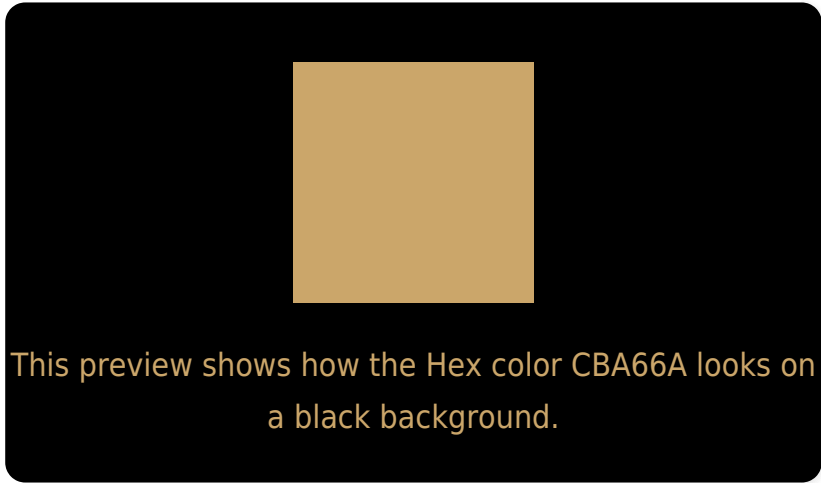
Large Text (above 18pt) WCAG AA × Fail

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

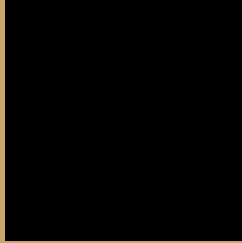
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CBA66A Background



This preview shows how black text looks on a background with the Hex color CBA66A.

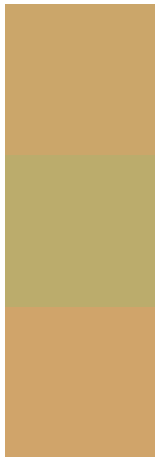


This preview shows how white text looks on a background with the Hex color CBA66A.

# 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**  
CBA66A

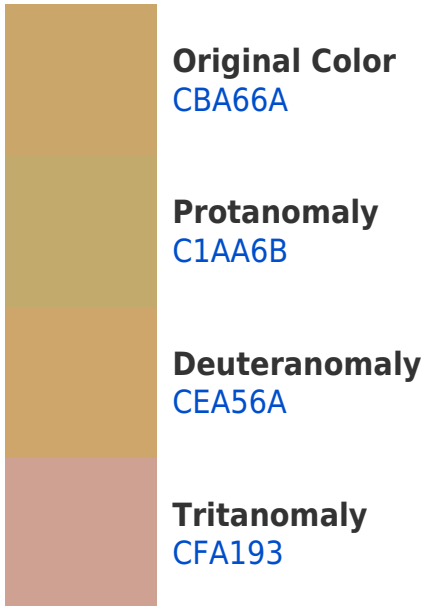
**Protanopia**  
BBAC6C

**Deuteranopia**  
D0A46A

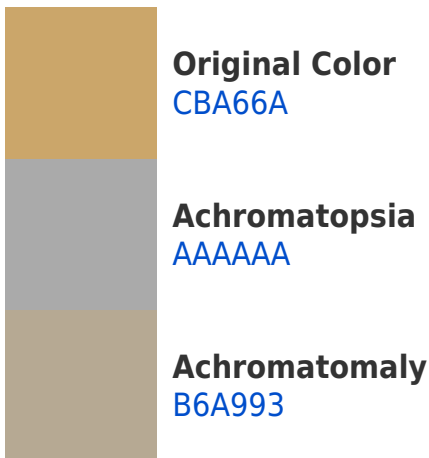


**Tritanopia**  
D19EAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBA66A 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 #CBA66A looks like.

```
.text, #text, p{  
    color:#CBA66A  
}
```

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 #CBA66A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBA66A
}
```

## Border

The CSS property to change the border of an element to Hex CBA66A 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
#CBA66A }
```

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

```
.border{ border-color:#CBA66A }
```

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

Here you see how a box with a 4 pixel #CBA66A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBA66A; -webkit-box-shadow:4px 4px  
4px 4px #CBA66A; box-shadow:4px 4px 4px  
4px #CBA66A }
```

# Background

The CSS property to change the background color of an element to Hex CBA66A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBA66A }
```

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

```
.background{ background-color:#CBA66A }
```

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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