

# Converting Colors

Hex(CBBBA4)

Have a look what the booklet for  
Hex(CBBBA4) contains.

<b>Hex(CBBBA4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(CBBBA4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBBBA4
RGB	203, 187, 164
RGB Percent	80%, 73%, 64%
CMY	0.2039, 0.2667, 0.3569
CMYK	0.00, 0.08, 0.19, 0.20
HSL	35°, 27%, 72%
HSV	35°, 19%, 80%
XYZ	49.0998, 50.9175, 42.3622
YIQ	189.1620, 16.9190, -3.7610

# Conversions

## Conversions Part 2

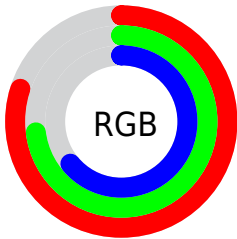
<b>Format</b>	<b>Color</b>
<b>RYB</b>	191, 203, 164
Decimal	13351844
CIELab	76.63, 1.93, 13.70
CIELCh	77, 13.835, 81.992
Yxy	50.9175, 0.3449, 0.3576
Android (android.graphics.Color)	4291541924 (0xFFCBBBA4)
YUV	189.1620, -12.4049, 12.1359
Hunter-Lab	71.3565, -2.0496, 14.7509

# Details

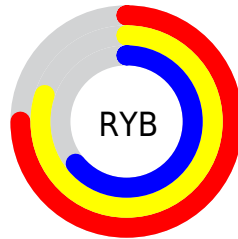
The Hex color **CBBBA4** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **A4B4CB**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFF3DB**, and **958670** is the 20% darker color. If you saturate the color by 10%, you get **CBB390**, and if you desaturate by 10%, it is **CBC3B8**.

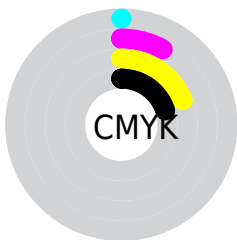
# Distribution



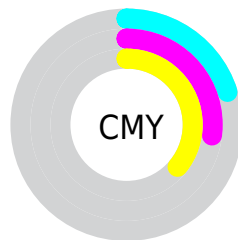
- Red (80%)
- Green (73%)
- Blue (64%)



- Red (75%)
- Yellow (80%)
- Blue (64%)



- Cyan (0%)
- Magenta (8%)
- Yellow (19%)
- Black (20%)



- Cyan (20%)
- Magenta (27%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBBBA4 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 CBBBA4 by changing the saturation by 10% instead.





CBBBA4



CBBBA4

FFFFFF



AFA08A



FFF3DB



958670



FFFFF7



7B6D58



615440



493D2A



322816



1E1300



000000



CBBBA4



CBBBA4

 CBB390

 CBC3B8

 CBAA7B

 CBCCCD

 CBA267

 CBD4E1

 CB9A53

 CBDCF5

 CB913F

 CBE5FF

 CB892A

 CBEDFF

 CB8116

 CBF5FF

 CB7802

 CBF EFF

 CB7800

 CBFFFF

# Harmonies

## Analogous

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



D5B7A9



CBBBA4



BDBFA5

# Triad

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



CBBBA4



9DC5C6



CBB7CD

# Complementary

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



CBBBA4



A4B4CB

# 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.



BBBBD5



CBBBA4



A0C3D1

# Square

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



CBBBA4



A2C4B9



ABBFD6



D5B5C1

# Rectangle

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



CBBBA4



B3C2AA



ABBFD6



C6B8D0



# Sweetspot

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



CBBBA4



FFF9F0



CBA4B4



807C77



000000



808080



# Same Dimension

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



CBBBA4



FFE7C4



C8CBA4



66625C



A66200



261700



# Inverse Universe

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



A4B4CB



C4DCFF



A7A4CB



5C6066



0044A6

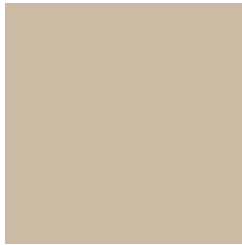


001026



# Previews

## White Background



This preview shows how the Hex color CBBBA4 looks on a white background.

## Color Contrast Check

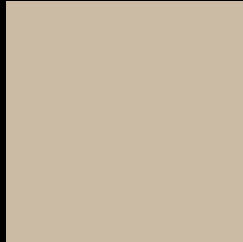
Large Text (above 18pt) WCAG AA × Fail

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 CBBBA4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

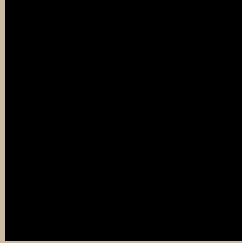
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

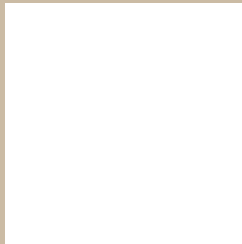
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CBBBA4 Background



This preview shows how black text looks on a background with the Hex color CBBBA4.

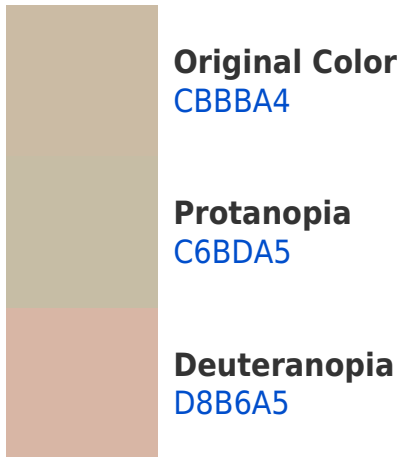


This preview shows how white text looks on a background with the Hex color CBBBA4.

# 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**  
CFB6C5

# Trichromacy



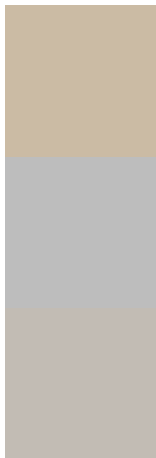
**Original Color**  
CBBBA4

**Protanomaly**  
C8BCA5

**Deuteranomaly**  
D3B8A5

**Tritanomaly**  
CEB8B9

# Monochromacy



**Original Color**  
CBBBA4

**Achromatopsia**  
BDBDBD

**Achromatomaly**  
C2BCB4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBBBA4 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 #CBBBA4 looks like.

```
.text, #text, p{  
    color:#CBBBA4  
}
```

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 #CBBBA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBBBA4
}
```

## Border

The CSS property to change the border of an element to Hex CBBBA4 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
#CBBBA4 }
```

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

```
.border{ border-color:#CBBBA4 }
```

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

Here you see how a box with a 4 pixel #CBBBA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBBBA4; -webkit-box-shadow:4px 4px  
4px 4px #CBBBA4; box-shadow:4px 4px 4px  
4px #CBBBA4 }
```

# Background

The CSS property to change the background color of an element to Hex CBBBA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBBBA4 }
```

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

```
.background{ background-color:#CBBBA4 }
```

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