

# Converting Colors

Hex(CBB39A)

Have a look what the booklet for  
Hex(CBB39A) contains.

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**Color**

**Hex(CBB39A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBB39A
RGB	203, 179, 154
RGB Percent	80%, 70%, 60%
CMY	0.2039, 0.2980, 0.3961
CMYK	0.00, 0.12, 0.24, 0.20
HSL	31°, 32%, 70%
HSV	31°, 24%, 80%
XYZ	46.5814, 47.2698, 37.2407
YIQ	183.3260, 22.3290, -2.6870

# Conversions

## Conversions Part 2

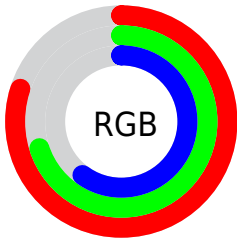
Format	Color
<a href="#">RYB</a>	<a href="#">201, 203, 154</a>
Decimal	<a href="#">13349786</a>
CIELab	<a href="#">74.36, 4.72, 15.93</a>
CIELCh	<a href="#">74, 16.614, 73.498</a>
Yxy	<a href="#">47.2698, 0.3553, 0.3606</a>
Android (android.graphics.Color)	<a href="#">4291539866 (0xFFCBB39A)</a>
YUV	<a href="#">183.3260, -14.4577, 17.2541</a>
Hunter-Lab	<a href="#">68.7530, 0.6192, 16.0121</a>

# Details

The Hex color **CBB39A** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9AB2CB**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFEBD0**, and **947E67** is the 20% darker color. If you saturate the color by 10%, you get **CBA986**, and if you desaturate by 10%, it is **CBBDAE**.

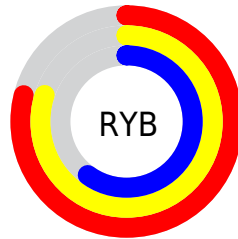
# Distribution



Red (80%)

Green (70%)

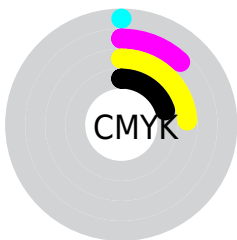
Blue (60%)



Red (79%)

Yellow (80%)

Blue (60%)

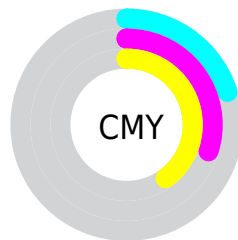


Cyan (0%)

Magenta (12%)

Yellow (24%)

Black (20%)



Cyan (20%)

Magenta (30%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBB39A 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 CBB39A by changing the saturation by 10% instead.



 CBB39A

 CBB39A

FFFFFF

 AF9880

 FFEBD0

 947E67

 FFFFED

 7A654F

 614D38

 483722

 31210D

 1B0B00

 000000

 CBB39A

 CBB39A

 CBA986

 CBBDAE

 CB9F71

 CBC7C3

 CB955D

 CBD1D7

 CB8B49

 CBD8EB

 CB8135

 CBE5FF

 CB7720

 CBEFFF

 CB6D0C

 CBF9FF

 CB6800

 CBFFFF

# Harmonies

## Analogous

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



D5AFA3



CBB39A



BCB899

# Triad

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



CBB39A



90C0BD



C2B1CD

# Complementary

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



CBB39A



9AB2CB

# 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.



AFB6D4



CBB39A



90BECB

# Square

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



CBB39A



9ABFAE



9CBBD4



D1ADC0

# Rectangle

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



CBB39A



B0BB9D



9CBBD4



BCB2D0



# Sweetspot

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



CBB39A



FFF6ED



CB9AB3



807B75



000000



808080



# Same Dimension

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



CBB39A



FFDBB5



CBCB9A



66615C



A65500



261400



# Inverse Universe

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



9AB2CB



B5D9FF



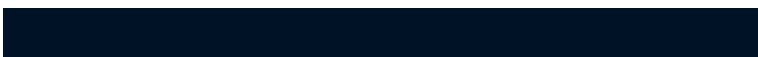
9A9ACB



5C6166



0051A6



001326



# Previews

## White Background



This preview shows how the Hex color CBB39A looks on a white background.

## Color Contrast Check

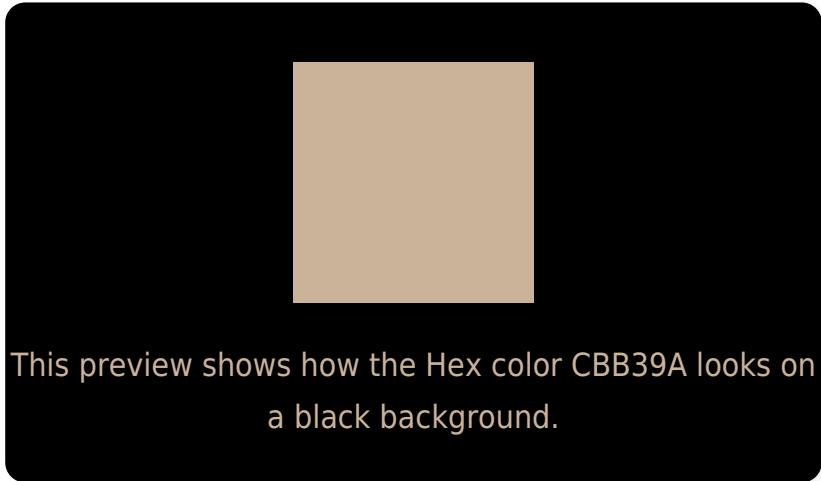
Large Text (above 18pt) WCAG AA × Fail

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

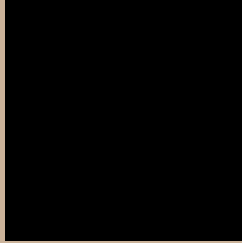
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

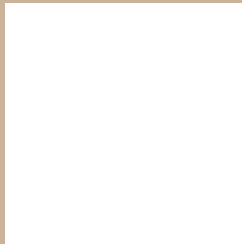
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CBB39A Background



This preview shows how black text looks on a background with the Hex color CBB39A.



This preview shows how white text looks on a background with the Hex color CBB39A.

# 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

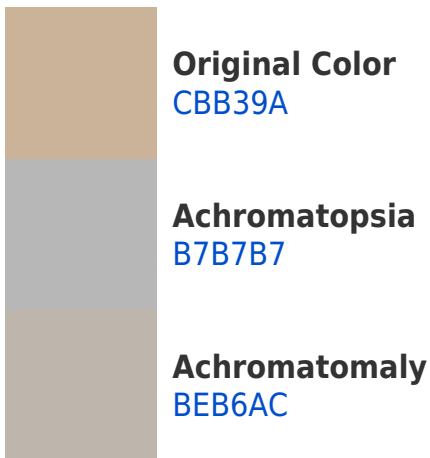




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBB39A 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 #CBB39A looks like.

```
.text, #text, p{  
    color:#CBB39A  
}
```

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 #CBB39A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBB39A
}
```

## Border

The CSS property to change the border of an element to Hex CBB39A 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
#CBB39A }
```

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

```
.border{ border-color:#CBB39A }
```

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

Here you see how a box with a 4 pixel #CBB39A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBB39A; -webkit-box-shadow:4px 4px  
4px 4px #CBB39A; box-shadow:4px 4px 4px  
4px #CBB39A }
```

# Background

The CSS property to change the background color of an element to Hex CBB39A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBB39A }
```

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

```
.background{ background-color:#CBB39A }
```

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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