

# Converting Colors

Hex(CB9E59)

Have a look what the booklet for  
Hex(CB9E59) contains.

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**Color**

**Hex(CB9E59)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CB9E59
RGB	203, 158, 89
RGB Percent	80%, 62%, 35%
CMY	0.2039, 0.3804, 0.6510
CMYK	0.00, 0.22, 0.56, 0.20
HSL	36°, 52%, 57%
HSV	36°, 56%, 80%
XYZ	38.6586, 37.8715, 14.7236
YIQ	163.5890, 48.9690, -11.9190

# Conversions

## Conversions Part 2

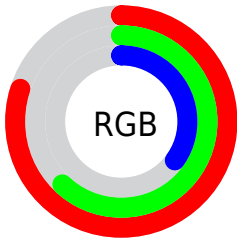
<b>Format</b>	<b>Color</b>
<b>RYB</b>	163, 203, 89
Decimal	13344345
CIELab	67.93, 8.71, 42.04
CIELCh	68, 42.937, 78.297
Yxy	37.8715, 0.4236, 0.4150
Android (android.graphics.Color)	4291534425 (0xFFCB9E59)
YUV	163.5890, -36.7724, 34.5634
Hunter-Lab	61.5398, 4.4370, 28.8926

# Details

The Hex color **CB9E59** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **5986CB**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFD48D**, and **926B28** is the 20% darker color. If you saturate the color by 10%, you get **CB9645**, and if you desaturate by 10%, it is **CBA66D**.

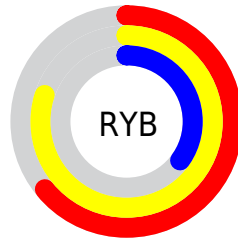
# Distribution



Red (80%)

Green (62%)

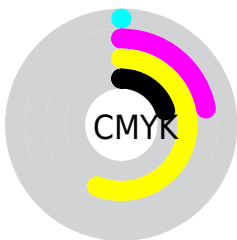
Blue (35%)



Red (64%)

Yellow (80%)

Blue (35%)

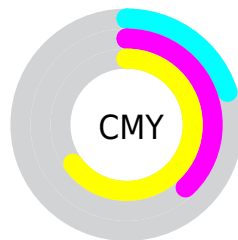


Cyan (0%)

Magenta (22%)

Yellow (56%)

Black (20%)



Cyan (20%)

Magenta (38%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB9E59 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 CB9E59 by changing the saturation by 10% instead.



 CB9E59

 CB9E59

FFFFFF

 AE8440

 FFD48D

 926B28

 FFF1A7

 76530E

 FFFFC3

 5B3C00

 FFFFDF

 412600

 FFFFFC

 281200

 000000

 CB9E59

 CB9E59

 CB9645

 CBA66D

 CB8E30

 CBAE82

 CB861C

 CBB696

 CB7E08

 CBBEAA

 CB7B00

 CBC6BF

 CBCED3

 CBD6E7

 CBDEFB

 CBE6FF

# Harmonies

## Analogous

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



E5906D



CB9E59



A6AB5A

# Triad

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



CB9E59



00BABD



C793D9

# Complementary

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



CB9E59



5986CB

# 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.



92A1EF



CB9E59



00B6DE

# Square

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



CB9E59



41B995



45AEF1



E688B6

# Rectangle

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



CB9E59



8AB167



45AEF1



B797E3

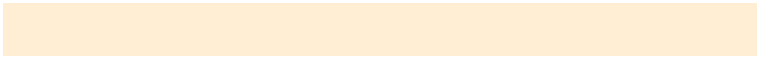


# Sweetspot

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



CB9E59



FFEED4



CB5987



807566



000000



808080



# Same Dimension

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



CB9E59



FFBC54



C0CB59



66625C



A66400



261700

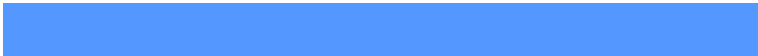


# Inverse Universe

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



5986CB



5498FF



6459CB



5C6066



0041A6



000F26



# Previews

## White Background



This preview shows how the Hex color CB9E59 looks on a white background.

## Color Contrast Check

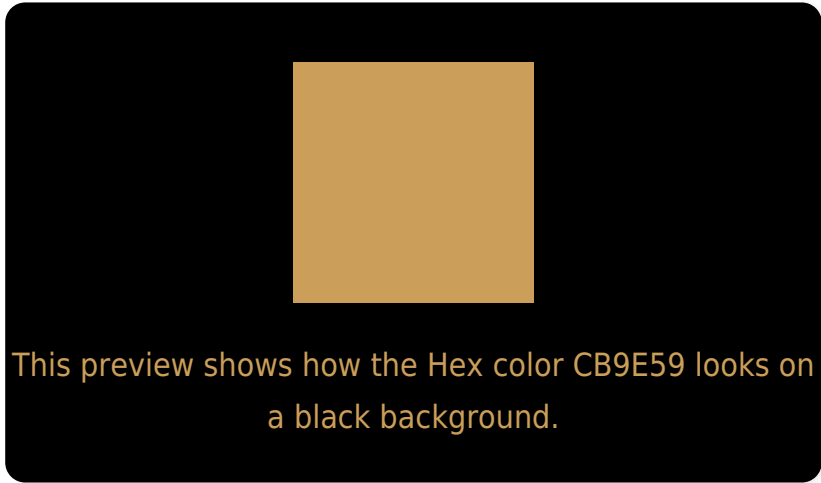
Large Text (above 18pt) WCAG AA × Fail

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

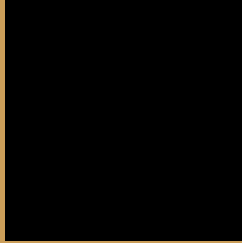
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CB9E59 Background



This preview shows how black text looks on a background with the Hex color CB9E59.




This preview shows how white text looks on a background with the Hex color CB9E59.

# 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



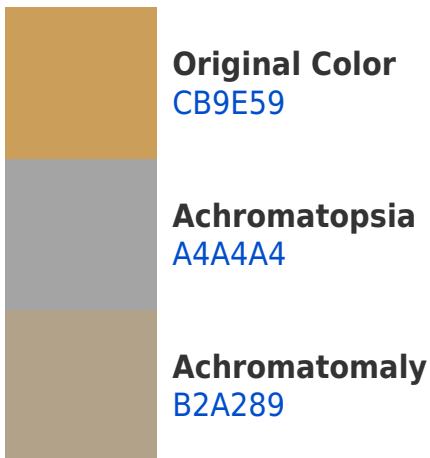


**Tritanopia**  
D196A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB9E59 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 #CB9E59 looks like.

```
.text, #text, p{  
    color:#CB9E59  
}
```

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 #CB9E59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB9E59  
}
```

## Border

The CSS property to change the border of an element to Hex CB9E59 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  
#CB9E59 }
```

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

```
.border{ border-color:#CB9E59 }
```

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

Here you see how a box with a 4 pixel #CB9E59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB9E59; -webkit-box-shadow:4px 4px  
4px 4px #CB9E59; box-shadow:4px 4px 4px  
4px #CB9E59 }
```

# Background

The CSS property to change the background color of an element to Hex CB9E59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB9E59 }
```

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

```
.background{ background-color:#CB9E59 }
```

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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