

Converting Colors

Hex(CB9D44)

Have a look what the booklet for
Hex(CB9D44) contains.

Hex(CB9D44)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CB9D44)

Conversions

Conversions Part 1

Format	Color
Hex	CB9D44
RGB	203, 157, 68
RGB Percent	80%, 62%, 27%
CMY	0.2039, 0.3843, 0.7333
CMYK	0.00, 0.23, 0.67, 0.20
HSL	40°, 56%, 53%
HSV	40°, 67%, 80%
XYZ	37.7290, 37.2278, 10.6660
YIQ	160.6080, 55.9850, -17.9270

Conversions

Conversions Part 2

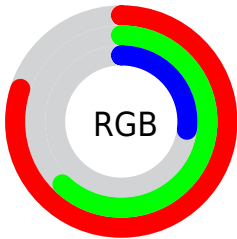
Format	Color
RYB	138, 203, 68
Decimal	13344068
CIELab	67.45, 7.78, 51.68
CIElCh	67, 52.261, 81.442
Yxy	37.2278, 0.4406, 0.4348
Android (android.graphics.Color)	4291534148 (0xFFFCB9D44)
YUV	160.6080, -45.6557, 37.1778
Hunter-Lab	61.0146, 3.6017, 32.3457

Details

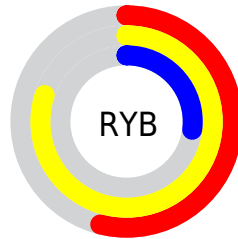
The Hex color **CB9D44** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **4472CB**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFD378**, and **916A0C** is the 20% darker color. If you saturate the color by 10%, you get **CB9630**, and if you desaturate by 10%, it is **CBA458**.

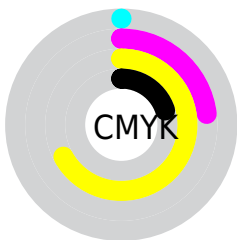
Distribution



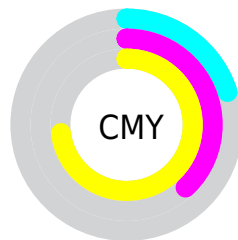
- Red (80%)
- Green (62%)
- Blue (27%)



- Red (54%)
- Yellow (80%)
- Blue (27%)



- Cyan (0%)
- Magenta (23%)
- Yellow (67%)
- Black (20%)



- Cyan (20%)
- Magenta (38%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB9D44 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 CB9D44 by changing the saturation by 10% instead.


 CB9D44

 CB9D44

FFFFFF

 AE832A

 FFD378

 916A0C

 FFF093

 755200

 FFFFAE

 5A3B00

 FFFFCA

 3F2600

 FFFFEE

 261200

 000000

 CB9D44

 CB9D44

 CB9630

 CBA458

 CB8F1B

 CBAB6D

 CB8807

 CBB281

 CB8600

 CBB995

 CBC0AA

 CBC7BE

 CBCDD2

 CBD4E6

 CBDBFB

Harmonies

Analogous

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



EC8B5C



CB9D44



9EAC48

Triad

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



CB9D44



00BCC5



D18ADF

Complementary

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



CB9D44



4472CB

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.



919DFC



CB9D44



00B7ED

Square

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



CB9D44



00BB95



00ADFF



F47DB4

Rectangle

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



CB9D44



7BB35B



00ADFF



BF91EB

Sweetspot

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



CB9D44



FFEECC



CB4473



807561



000000



808080

Same Dimension

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



CB9D44



FFB933



B7CB44



66635C



A66D00



261900

Inverse Universe

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



4472CB



3379FF



5844CB



5C5F66



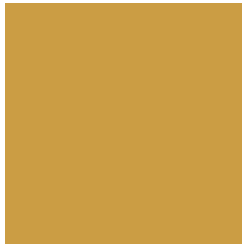
0038A6



000D26

Previews

White Background



This preview shows how the Hex color CB9D44 looks on a white background.

Color Contrast Check

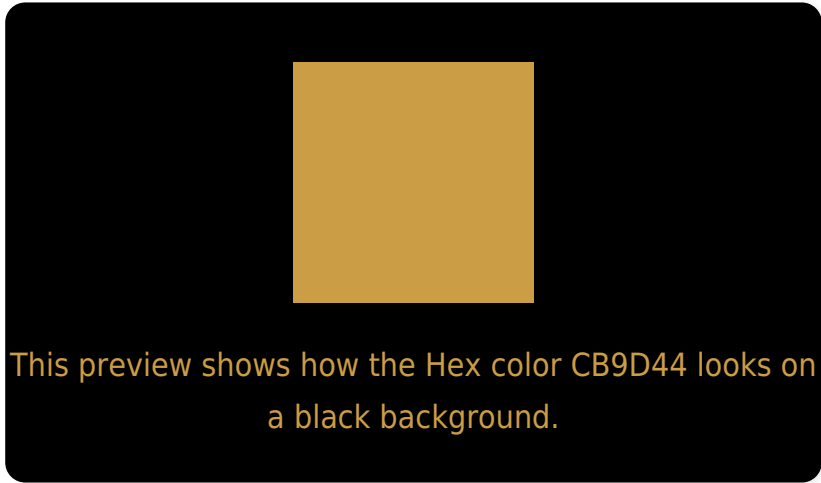
Large Text (above 18pt) WCAG AA × Fail

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

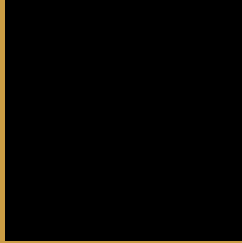
Any Text WCAG AA ✓ Pass

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 CB9D44 Background



This preview shows how black text looks on a background with the Hex color CB9D44.



This preview shows how white text looks on a background with the Hex color CB9D44.

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
CB9D44

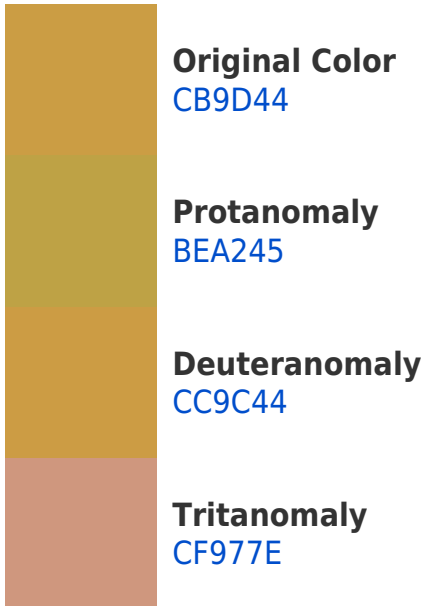
Protanopia
B7A546

Deuteranopia
CC9C44

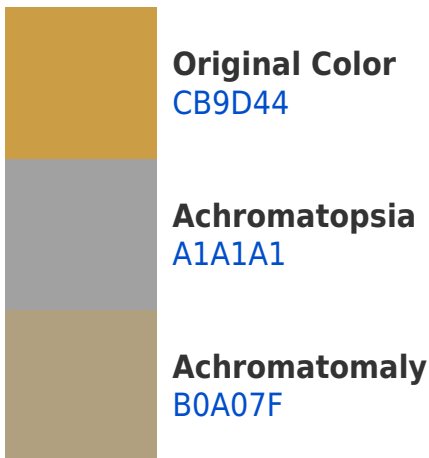


Tritanopia
D2939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CB9D44 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 #CB9D44 looks like.

```
.text, #text, p{  
    color:#CB9D44  
}
```

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 #CB9D44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB9D44  
}
```

Border

The CSS property to change the border of an element to Hex CB9D44 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  
#CB9D44 }
```

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

```
.border{ border-color:#CB9D44 }
```

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

Here you see how a box with a 4 pixel #CB9D44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB9D44; -webkit-box-shadow:4px 4px  
4px 4px #CB9D44; box-shadow:4px 4px 4px  
4px #CB9D44 }
```

Background

The CSS property to change the background color of an element to Hex CB9D44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB9D44 }
```

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

```
.background{ background-color:#CB9D44 }
```

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