

Converting Colors

Hex(CB9C35)

Have a look what the booklet for
Hex(CB9C35) contains.

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Color

Hex(CB9C35)

Conversions

Conversions Part 1

Format	Color
Hex	CB9C35
RGB	203, 156, 53
RGB Percent	80%, 61%, 21%
CMY	0.2039, 0.3882, 0.7922
CMYK	0.00, 0.23, 0.74, 0.20
HSL	41°, 59%, 50%
HSV	41°, 74%, 80%
XYZ	37.1597, 36.7305, 8.4993
YIQ	158.3110, 61.0750, -22.0690

Conversions

Conversions Part 2

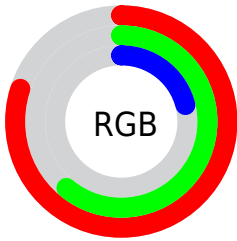
Format	Color
RYB	121, 203, 53
Decimal	13343797
CIELab	67.07, 7.53, 57.76
CIElCh	67, 58.245, 82.574
Yxy	36.7305, 0.4510, 0.4458
Android (android.graphics.Color)	4291533877 (0xFFCB9C35)
YUV	158.3110, -51.9183, 39.1923
Hunter-Lab	60.6057, 3.3853, 34.1092

Details

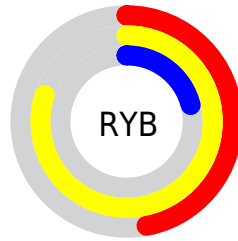
The Hex color **CB9C35** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3564CB**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFD26A**, and **916900** is the 20% darker color. If you saturate the color by 10%, you get **CB9621**, and if you desaturate by 10%, it is **CBA249**.

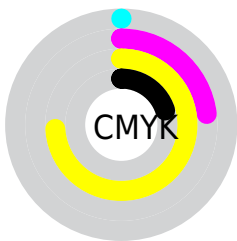
Distribution



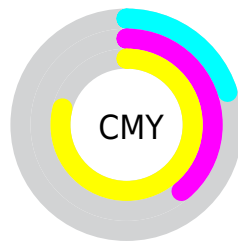
- Red (80%)
- Green (61%)
- Blue (21%)



- Red (47%)
- Yellow (80%)
- Blue (21%)



- Cyan (0%)
- Magenta (23%)
- Yellow (74%)
- Black (20%)



- Cyan (20%)
- Magenta (39%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB9C35 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 CB9C35 by changing the saturation by 10% instead.

 CB9C35

 CB9C35

FFFFFF

 AE8218

 FFD26A

 916900

 FFEE85

 745100

 FFFFA0

 593A00

 FFFFBC

 3E2500

 FFFFD9

 251100

 FFFFF6

 000000

 CB9C35

 CB9C35

 CB9621

 CBA249

 CB8F0C

 CBA95E

 CB8B00

 CBAF72

 CBB586

 CBBC9B

 CBC2AF

 CBC9C3

 CBCFD7

 CBD5EC

Harmonies

Analogous

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



F08851



CB9C35



99AC3B

Triad

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



CB9C35



00BDCA



D785E4

Complementary

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



CB9C35



3564CB

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.



8F9BFF



CB9C35



00B8F6

Square

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



CB9C35



00BC94



00ADFF



FC75B3

Rectangle

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



CB9C35



71B452



00ADFF



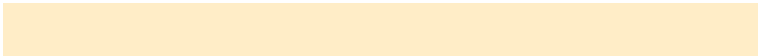
C38CF1

Sweetspot

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



CB9C35



FFEDC7



CB3564



80755E



000000



808080

Same Dimension

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



CB9C35



FFB81C



B0CB35



66635C



A67200



261A00

Inverse Universe

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



3564CB



1C63FF



5135CB



5C5F66



0034A6



000C26

Previews

White Background



This preview shows how the Hex color CB9C35 looks on a white background.

Color Contrast Check

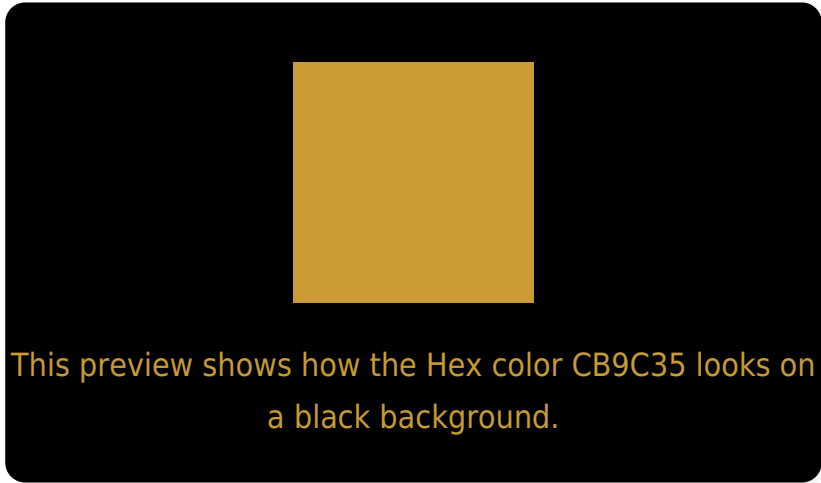
Large Text (above 18pt) WCAG AA × Fail

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 CB9C35 Background



This preview shows how black text looks on a background with the Hex color CB9C35.




This preview shows how white text looks on a background with the Hex color CB9C35.

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](#).

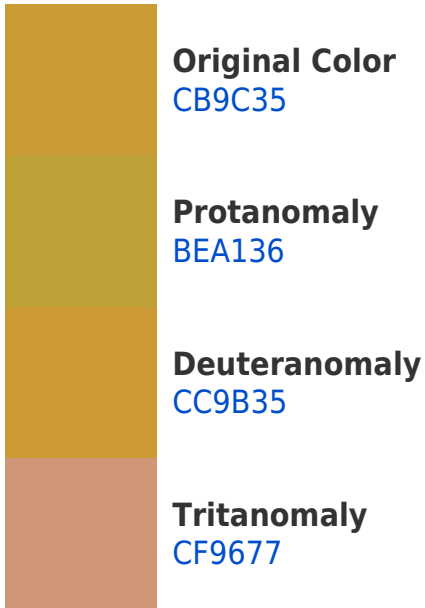
Dichromacy





Tritanopia
D2929D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CB9C35 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 #CB9C35 looks like.

```
.text, #text, p{  
    color:#CB9C35  
}
```

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 #CB9C35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB9C35
}
```

Border

The CSS property to change the border of an element to Hex CB9C35 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
#CB9C35 }
```

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

```
.border{ border-color:#CB9C35 }
```

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

Here you see how a box with a 4 pixel #CB9C35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB9C35; -webkit-box-shadow:4px 4px  
4px 4px #CB9C35; box-shadow:4px 4px 4px  
4px #CB9C35 }
```

Background

The CSS property to change the background color of an element to Hex CB9C35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB9C35 }
```

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

```
.background{ background-color:#CB9C35 }
```

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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