

Converting Colors

Hex(CBAD34)

Have a look what the booklet for
Hex(CBAD34) contains.

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Color

Hex(CBAD34)

Conversions

Conversions Part 1

Format	Color
Hex	CBAD34
RGB	203, 173, 52
RGB Percent	80%, 68%, 20%
CMY	0.2039, 0.3216, 0.7961
CMYK	0.00, 0.15, 0.74, 0.20
HSL	48°, 59%, 50%
HSV	48°, 74%, 80%
XYZ	40.1920, 42.8316, 9.3978
YIQ	168.1760, 56.7210, -31.2710

Conversions

Conversions Part 2

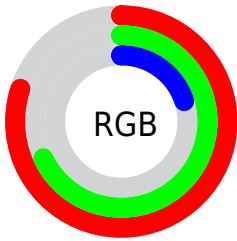
Format	Color
R _Y B	89, 203, 52
Decimal	13348148
CIE Lab	71.44, -1.61, 62.37
CIE LCh	71, 62.394, 91.475
Yxy	42.8316, 0.4349, 0.4634
Android (android.graphics.Color)	4291538228 (0xFFCBAD34)
YUV	168.1760, -57.2748, 30.5406
Hunter-Lab	65.4458, -4.9087, 37.2983

Details

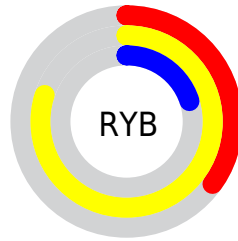
The Hex color **CBAD34** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3452CB**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFE46B**, and **917900** is the 20% darker color. If you saturate the color by 10%, you get **CBA920**, and if you desaturate by 10%, it is **CBB148**.

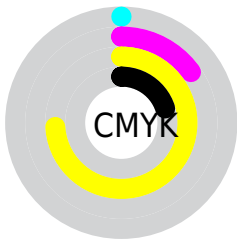
Distribution



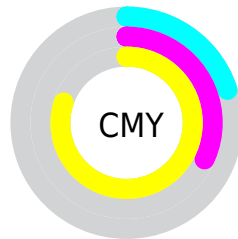
- Red (80%)
- Green (68%)
- Blue (20%)



- Red (35%)
- Yellow (80%)
- Blue (20%)



- Cyan (0%)
- Magenta (15%)
- Yellow (74%)
- Black (20%)



- Cyan (20%)
- Magenta (32%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color CBAD34 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 CBAD34 by changing the saturation by 10% instead.

 CBAD34

 CBAD34

FFFFFF

 AE9313

 FFE46B

 917900

 FFFF86

 756100

 FFFFA2

 594900

 FFFFBE

 3E3300

 FFFFFDA

 251E00

 FFFFF8

 040600

 000000

 CBAD34

 CBAD34

 CBA920

 CBB148

 CBA50B

 CBB55D

 CBA300

 CBB971

 CBBD85

 CBC19A

 CBC5AE

 CBC9C2

 CBCDD6

 CBD1EB

Harmonies

Analogous

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



F8984A



CBAD34



91BD47

Triad

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



CBAD34



00CAE9



F687E6

Complementary

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



CBAD34



3452CB

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.



B49FFF



CBAD34



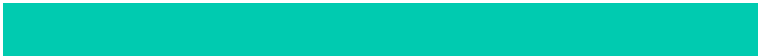
00C3FF

Square

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



CBAD34



00CBB0



28B4FF



FF7BAE

Rectangle

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



CBAD34



60C465



28B4FF



E58FF7

Sweetspot

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



CBAD34



FFF4C7



CB3452



80795E



000000



808080

Same Dimension

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



CBAD34



FFD21C



9ECB34



66645C



A68500



261F00

Inverse Universe

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



3452CB



1C49FF



6134CB



5C5E66



0021A6



000826

Previews

White Background



This preview shows how the Hex color CBAD34 looks on a white background.

Color Contrast Check

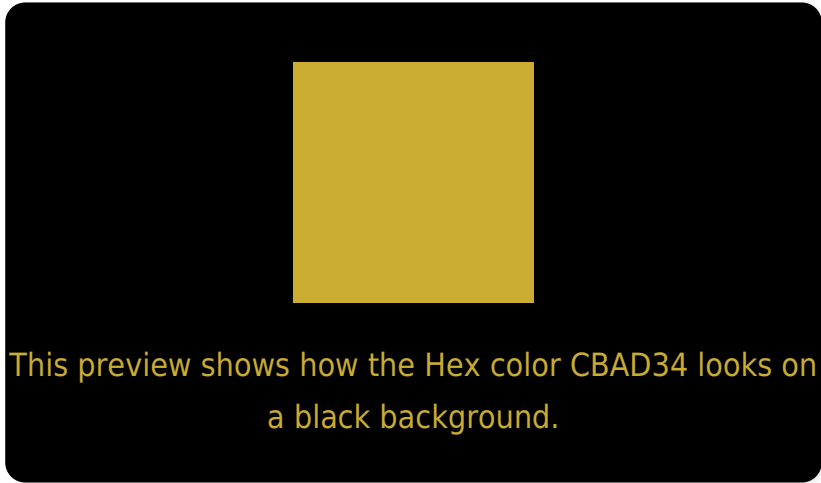
Large Text (above 18pt) WCAG AA × Fail

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 CBAD34 Background



This preview shows how black text looks on a background with the Hex color CBAD34.



This preview shows how white text looks on a background with the Hex color CBAD34.

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
CBAD34

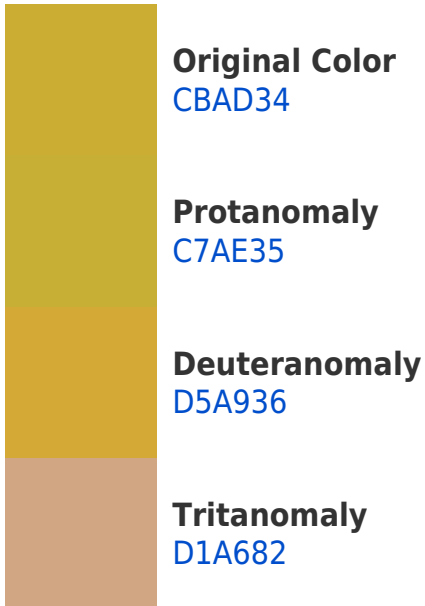
Protanopia
C4AF35

Deuteranopia
DBA637



Tritanopia
D4A2AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CBAD34 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 #CBAD34 looks like.

```
.text, #text, p{  
    color:#CBAD34  
}
```

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 #CBAD34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBAD34
}
```

Border

The CSS property to change the border of an element to Hex CBAD34 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
#CBAD34 }
```

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

```
.border{ border-color:#CBAD34 }
```

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

Here you see how a box with a 4 pixel #CBAD34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBAD34; -webkit-box-shadow:4px 4px  
4px 4px #CBAD34; box-shadow:4px 4px 4px  
4px #CBAD34 }
```

Background

The CSS property to change the background color of an element to Hex CBAD34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBAD34 }
```

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

```
.background{ background-color:#CBAD34 }
```

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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