

Converting Colors

Hex(CBA00C)

Have a look what the booklet for
Hex(CBA00C) contains.

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Color

Hex(CBA00C)

Conversions

Conversions Part 1

Format	Color
Hex	CBA00C
RGB	203, 160, 12
RGB Percent	80%, 63%, 5%
CMY	0.2039, 0.3725, 0.9529
CMYK	0.00, 0.21, 0.94, 0.20
HSL	46°, 89%, 42%
HSV	46°, 94%, 80%
XYZ	37.2658, 37.8647, 5.6923
YIQ	155.9850, 73.1360, -36.9120

Conversions

Conversions Part 2

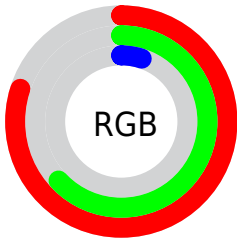
Format	Color
RYB	67, 203, 12
Decimal	13344780
CIELab	67.92, 4.23, 69.91
CIELCh	68, 70.035, 86.540
Yxy	37.8647, 0.4611, 0.4685
Android (android.graphics.Color)	4291534860 (0xFFCBA00C)
YUV	155.9850, -70.9846, 41.2322
Hunter-Lab	61.5343, 0.4164, 37.5893

Details

The Hex color **CBA00C** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **0C37CB**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFD650**, and **906D00** is the 20% darker color. If you saturate the color by 10%, you get **CB9D00**, and if you desaturate by 10%, it is **CBA520**.

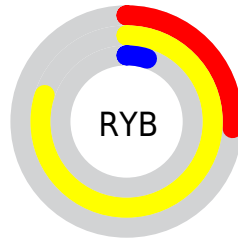
Distribution



Red (80%)

Green (63%)

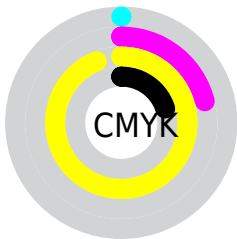
Blue (5%)



Red (26%)

Yellow (80%)

Blue (5%)

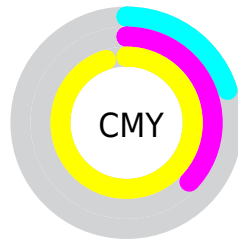


Cyan (0%)

Magenta (21%)

Yellow (94%)

Black (20%)



Cyan (20%)

Magenta (37%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color CBA00C 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 CBA00C by changing the saturation by 10% instead.

 CBA00C

 CBA00C

FFFFFF

 AD8600

 FFD650

 906D00

 FFF36C

 735500

 FFFF88

 573E00

 FFFFA4

 3C2900

 FFFFC0

 231500

 FFFFDD

 000000

 FFFFFB

 CBA00C

 CBA00C

 CB9D00

 CBA520

 CBA935

 CBAE49

 CBB25D

 CBB772

 CBBB86

 CBC09A

 CBC5AE

 CBC9C3

Harmonies

Analogous

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



FA873A



CBA00C



8EB224

Triad

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



CBA00C



00C3DC



EB7BEC

Complementary

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



CBA00C



0C37CB

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.



9798FF



CBA00C



00BDFF

Square

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



CBA00C



00C39C



00AFFF



FF67B0

Rectangle

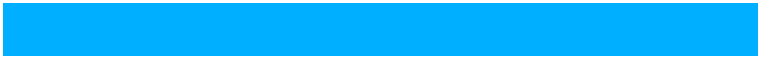
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CBA00C



58BA48



00AFFF



D485FD

Sweetspot

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



CBA00C



FFEFB8



CB0C39



807654



000000



808080

Same Dimension

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



CBA00C



FFC600



98CB0C



66645C



A68000



261E00

Inverse Universe

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



0C37CB



0039FF



3F0CCB



5C5E66



0025A6



000926

Previews

White Background



This preview shows how the Hex color CBA00C looks on a white background.

Color Contrast Check

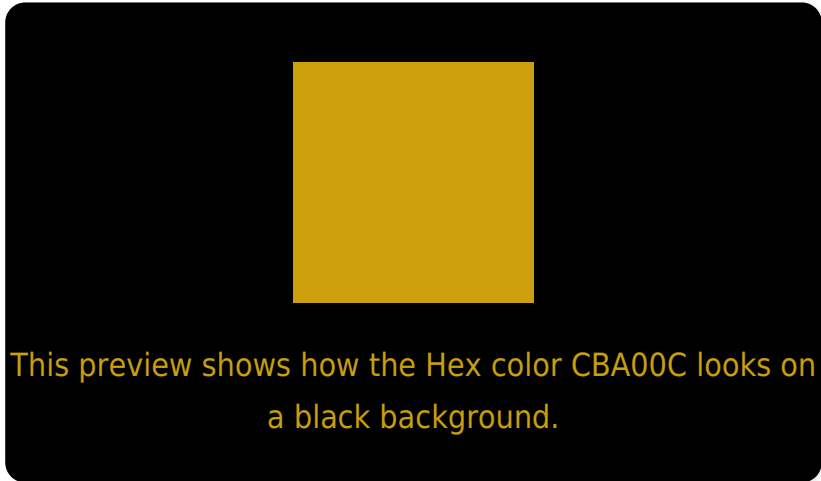
Large Text (above 18pt) WCAG AA × Fail

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 CBA00C Background



This preview shows how black text looks on a background with the Hex color CBA00C.



This preview shows how white text looks on a background with the Hex color CBA00C.

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
CBA00C

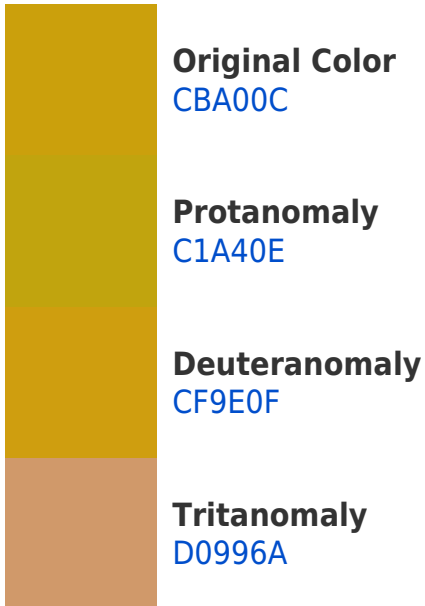
Protanopia
BBA60F

Deuteranopia
D29D11



Tritanopia
D395A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CBA00C 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 #CBA00C looks like.

```
.text, #text, p{  
    color:#CBA00C  
}
```

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 #CBA00C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBA00C
}
```

Border

The CSS property to change the border of an element to Hex CBA00C 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
#CBA00C }
```

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

```
.border{ border-color:#CBA00C }
```

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

Here you see how a box with a 4 pixel #CBA00C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBA00C; -webkit-box-shadow:4px 4px  
4px 4px #CBA00C; box-shadow:4px 4px 4px  
4px #CBA00C }
```

Background

The CSS property to change the background color of an element to Hex CBA00C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBA00C }
```

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

```
.background{ background-color:#CBA00C }
```

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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