

# Converting Colors

Hex(CBA200)

Have a look what the booklet for  
Hex(CBA200) contains.

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# **Color**

**Hex(CBA200)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBA200
RGB	203, 162, 0
RGB Percent	80%, 64%, 0%
CMY	0.2039, 0.3647, 1.0000
CMYK	0.00, 0.20, 1.00, 0.20
HSL	48°, 100%, 40%
HSV	48°, 100%, 80%
XYZ	37.5489, 38.5372, 5.4594
YIQ	155.7910, 76.4380, -41.6900

# Conversions

## Conversions Part 2

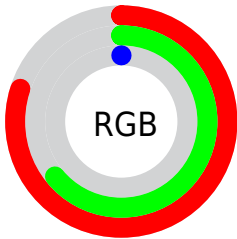
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 203, 0
Decimal	13345280
CIELab	68.41, 3.02, 71.79
CIElCh	68, 71.857, 87.589
Yxy	38.5372, 0.4605, 0.4726
Android (android.graphics.Color)	4291535360 (0xFFCBA200)
YUV	155.7910, -76.8050, 41.4023
Hunter-Lab	62.0783, -0.6688, 38.2407

# Details

The Hex color **CBA200** 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 **0029CB**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFD84C**, and **906F00** is the 20% darker color. If you saturate the color by 10%, you get **CBA200**, and if you desaturate by 10%, it is **CBA614**.

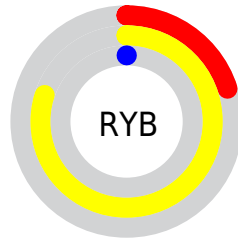
# Distribution



Red (80%)

Green (64%)

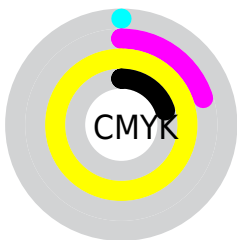
Blue (0%)



Red (20%)

Yellow (80%)

Blue (0%)

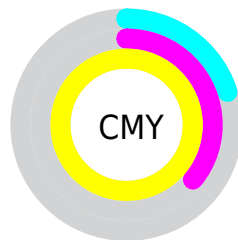


Cyan (0%)

Magenta (20%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (36%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBA200 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 CBA200 by changing the saturation by 10% instead.



 CBA200

 CBA200

FFFFFF

 AD8800

 FFD84C

 906F00

 FFF569

 735700

 FFFF85

 574000

 FFFFA1

 3C2A00

 FFFFBD

 231600

 FFFFDA

 000000

 FFFFF8

 CBA200

 CBA614

 CBAA29

 CBAE3D

 CBB251

 CBB766

 CBBB7A

 CBBF8E

 CBC3A2

 CBC7B7

# Harmonies

## Analogous

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



FC8836



CBA200



8CB521

# Triad

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



CBA200



00C5E1



F07AED

# Complementary

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



CBA200



0029CB

# 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.



9B98FF



CBA200



00BFFF

# Square

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



CBA200



00C59F



00B0FF



FF66AF

# Rectangle

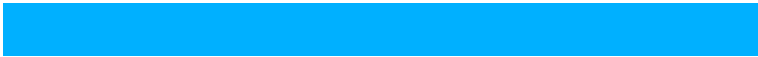
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CBA200



52BD49



00B0FF



DA84FF



# Sweetspot

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



CBA200



FFF0B3



CB002C



807652



000000



808080



# Same Dimension

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



CBA200



FFCB00



91CB00



66645C



A68400



261F00



# Inverse Universe

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



0029CB



0034FF



3A00CB



5C5E66



0021A6

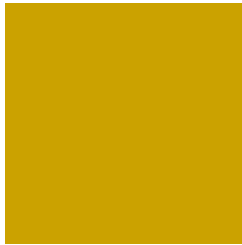


000826



# Previews

## White Background



This preview shows how the Hex color CBA200 looks on a white background.

## Color Contrast Check

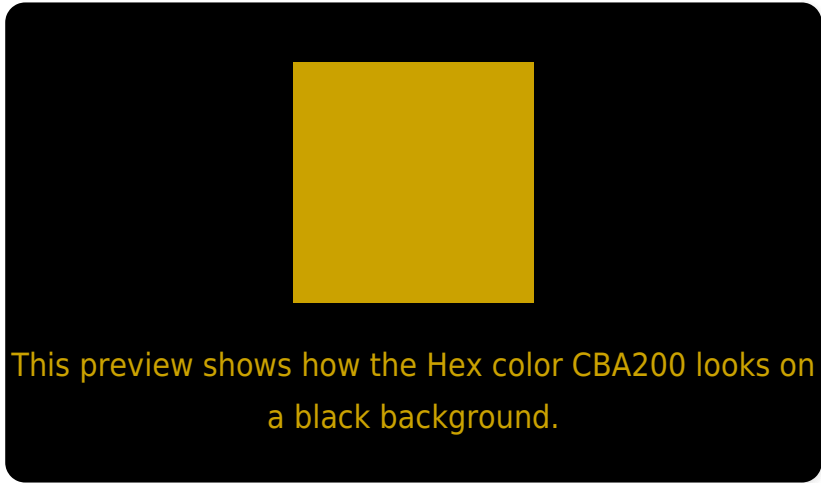
Large Text (above 18pt) WCAG AA × Fail

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 CBA200 Background



This preview shows how black text looks on a background with the Hex color CBA200.



This preview shows how white text looks on a background with the Hex color CBA200.

# 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](#).

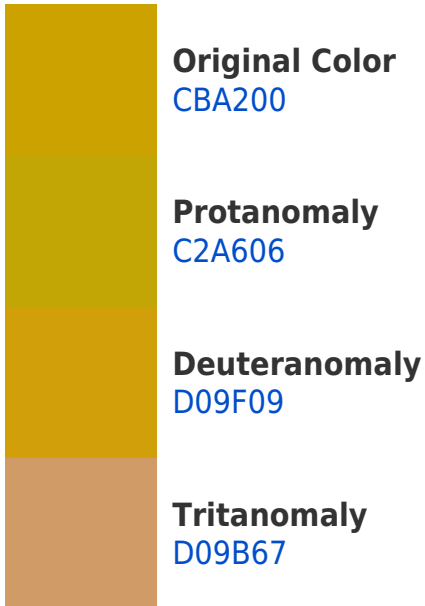
## Dichromacy





**Tritanopia**  
D397A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBA200 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 #CBA200 looks like.

```
.text, #text, p{  
    color:#CBA200  
}
```

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 #CBA200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBA200
}
```

## Border

The CSS property to change the border of an element to Hex CBA200 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
#CBA200 }
```

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

```
.border{ border-color:#CBA200 }
```

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

Here you see how a box with a 4 pixel #CBA200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBA200; -webkit-box-shadow:4px 4px  
4px 4px #CBA200; box-shadow:4px 4px 4px  
4px #CBA200 }
```

# Background

The CSS property to change the background color of an element to Hex CBA200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBA200 }
```

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

```
.background{ background-color:#CBA200 }
```

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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