

# Converting Colors

Hex(CB880A)

Have a look what the booklet for  
Hex(CB880A) contains.

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# **Color**

**Hex(CB880A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CB880A
RGB	203, 136, 10
RGB Percent	80%, 53%, 4%
CMY	0.2039, 0.4667, 0.9608
CMYK	0.00, 0.33, 0.95, 0.20
HSL	39°, 91%, 42%
HSV	39°, 95%, 80%
XYZ	33.4875, 30.3267, 4.3758
YIQ	141.6690, 80.3780, -24.9820

# Conversions

## Conversions Part 2

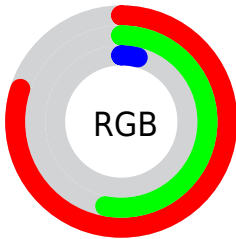
Format	Color
<a href="#">RYB</a>	<a href="#">113, 203, 10</a>
Decimal	<a href="#">13338634</a>
CIELab	<a href="#">61.94, 17.22, 65.86</a>
CIElCh	<a href="#">62, 68.078, 75.351</a>
Yxy	<a href="#">30.3267, 0.4911, 0.4447</a>
Android (android.graphics.Color)	<a href="#">4291528714</a> ( <a href="#">0xFFCB880A</a> )
YUV	<a href="#">141.6690, -64.9128, 53.7873</a>
Hunter-Lab	<a href="#">55.0697, 12.1727, 33.8376</a>

# Details

The Hex color **CB880A** 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 **0A4DCB**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FFBD4B**, and **8F5600** is the 20% darker color. If you saturate the color by 10%, you get **CB8500**, and if you desaturate by 10%, it is **CB8F1E**.

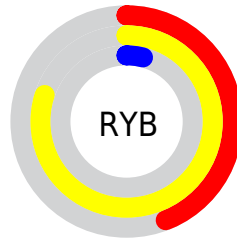
# Distribution



Red (80%)

Green (53%)

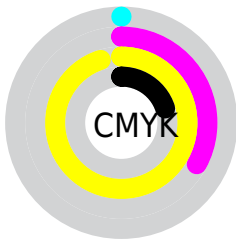
Blue (4%)



Red (44%)

Yellow (80%)

Blue (4%)

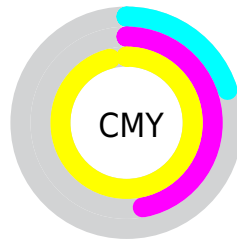


Cyan (0%)

Magenta (33%)

Yellow (95%)

Black (20%)



Cyan (20%)

Magenta (47%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB880A 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 CB880A by changing the saturation by 10% instead.



 CB880A

 CB880A

FFFFFF

 AD6F00

 FFBD4B

 8F5600

 FFD966

 723F00

 FFF581

 552900

 FFFF9D

 3A1400

 FFFFB9

 230000

 FFFFD6

 000000

 FFFFF3

 CB880A

 CB880A

 CB8500

 CB8F1E

 CB9633

 CB9D47

 CBA45B

 CBAB70

 CBB284

 CBB998

 CBC0AC

 CBC7C1

# Harmonies

## Analogous

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



F16E41



CB880A



969C00

# Triad

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



CB880A



00B2B4



BF77EB

# Complementary

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



CB880A



0A4DCB

# 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.



5292FF



CB880A



00AFEB

# Square

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



CB880A



00B075



00A5FF



F35DB6

# Rectangle

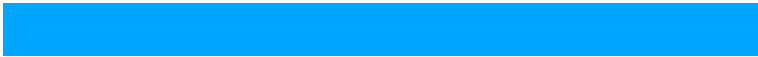
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CB880A



6AA626



00A5FF



A481F9



# Sweetspot

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



CB880A



FFE5B5



CB0A4E



807053



000000



808080



# Same Dimension

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



CB880A



FFA600



AECB0A



66625C



A66C00



261900



# Inverse Universe

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



0A4DCB



0059FF



270ACB



5C5F66



003AA6



000D26



# Previews

## White Background



This preview shows how the Hex color CB880A looks on a white background.

## Color Contrast Check

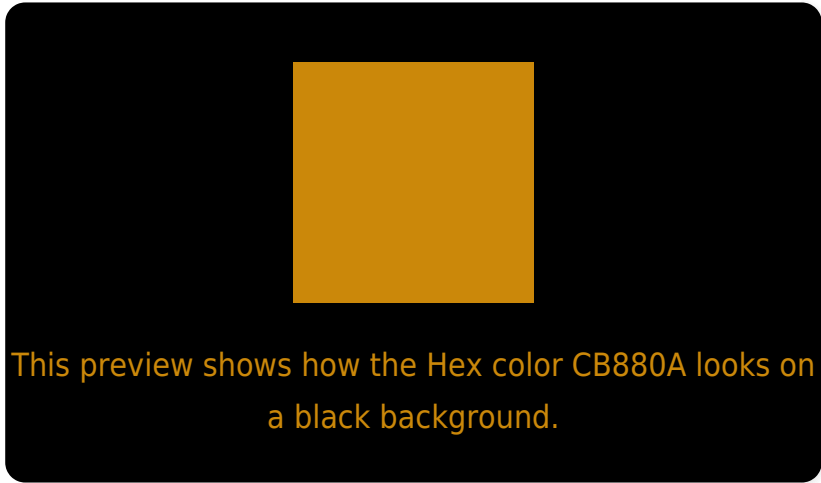
Large Text (above 18pt) WCAG AA × Fail

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 CB880A Background



This preview shows how black text looks on a background with the Hex color CB880A.



This preview shows how white text looks on a background with the Hex color CB880A.

# 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**  
CB880A

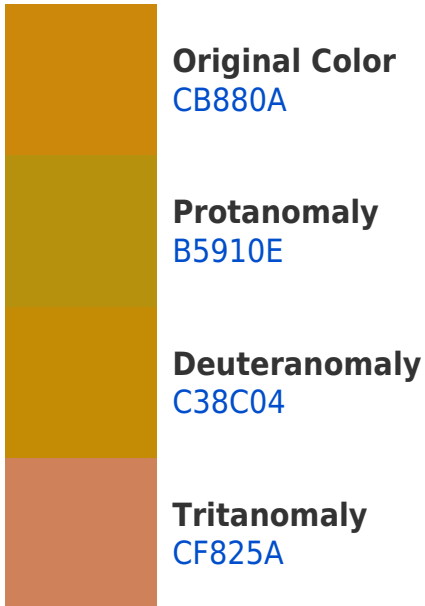
**Protanopia**  
A99611

**Deuteranopia**  
BE8E00



**Tritanopia**  
D17E88

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB880A 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 #CB880A looks like.

```
.text, #text, p{  
    color:#CB880A  
}
```

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 #CB880A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB880A
}
```

## Border

The CSS property to change the border of an element to Hex CB880A 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
#CB880A }
```

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

```
.border{ border-color:#CB880A }
```

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

Here you see how a box with a 4 pixel #CB880A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB880A; -webkit-box-shadow:4px 4px  
4px 4px #CB880A; box-shadow:4px 4px 4px  
4px #CB880A }
```

# Background

The CSS property to change the background color of an element to Hex CB880A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB880A }
```

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

```
.background{ background-color:#CB880A }
```

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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