

Converting Colors

Hex(CB8900)

Have a look what the booklet for
Hex(CB8900) contains.

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Color

Hex(CB8900)

Conversions

Conversions Part 1

Format	Color
Hex	CB8900
RGB	203, 137, 0
RGB Percent	80%, 54%, 0%
CMY	0.2039, 0.4627, 1.0000
CMYK	0.00, 0.33, 1.00, 0.20
HSL	40°, 100%, 40%
HSV	40°, 100%, 80%
XYZ	33.5743, 30.5878, 4.1345
YIQ	141.1160, 83.3130, -28.6150

Conversions

Conversions Part 2

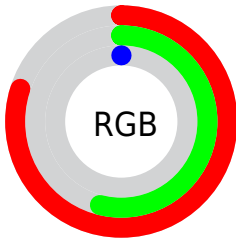
Format	Color
R _Y B	98, 203, 0
Decimal	13338880
CIE Lab	62.16, 16.56, 67.53
CIE LCh	62, 69.533, 76.222
Yxy	30.5878, 0.4916, 0.4479
Android (android.graphics.Color)	4291528960 (0xFFCB8900)
YUV	141.1160, -69.5702, 54.2723
Hunter-Lab	55.3063, 11.5744, 34.2821

Details

The Hex color **CB8900** 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 **0042CB**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FFBE47**, and **8F5700** is the 20% darker color. If you saturate the color by 10%, you get **CB8900**, and if you desaturate by 10%, it is **CB9014**.

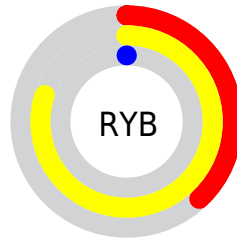
Distribution



Red (80%)

Green (54%)

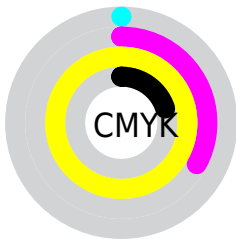
Blue (0%)



Red (38%)

Yellow (80%)

Blue (0%)

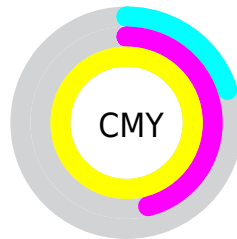


Cyan (0%)

Magenta (33%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (46%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB8900 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 CB8900 by changing the saturation by 10% instead.

 CB8900

 CB8900

FFFFFF

 AD7000

 FFBE47

 8F5700

 FFDA63

 724000

 FFF67E

 552A00

 FFFF9A

 3A1500

 FFFFB6

 230000

 FFFFD3

 000000

 FFFFF0

 CB8900

 CB9014

 CB9629

 CB9D3D

 CBA351

 CBAA66

 CBB17A

 CBB78E

 CBBEA2

 CBC4B7

Harmonies

Analogous

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



F36E3E



CB8900



949E00

Triad

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



CB8900



00B3B7



C376EC

Complementary

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



CB8900



0042CB

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.



5492FF



CB8900



00B0EE

Square

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



CB8900



00B177



00A5FF



F65CB5

Rectangle

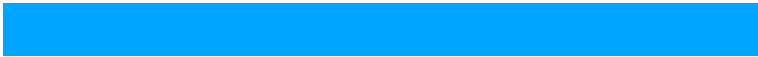
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CB8900



67A725



00A5FF



A780FB

Sweetspot

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



CB8900



FFE6B3



CB0044



807152



000000



808080

Same Dimension

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



CB8900



FFAC00



A9CB00



66635C



A67000



261A00

Inverse Universe

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



0042CB



0053FF



2200CB



5C5F66



0036A6



000C26

Previews

White Background



This preview shows how the Hex color CB8900 looks on a white background.

Color Contrast Check

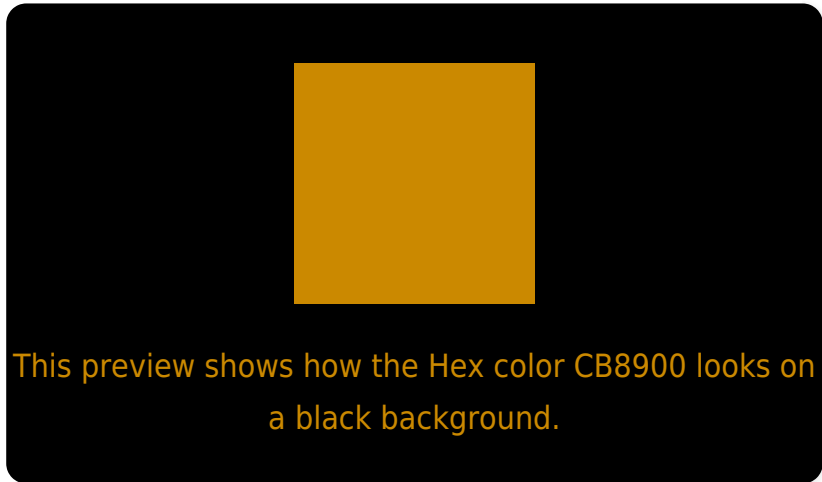
Large Text (above 18pt) WCAG AA × Fail

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 CB8900 Background



This preview shows how black text looks on a background with the Hex color CB8900.



This preview shows how white text looks on a background with the Hex color CB8900.

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
CB8900

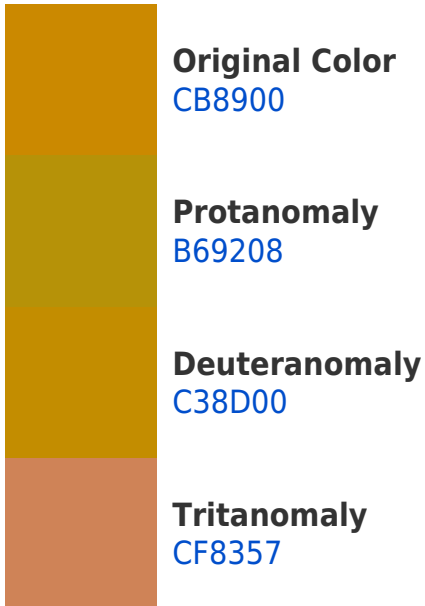
Protanopia
AA970D

Deuteranopia
BF8F00



Tritanopia
D17F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CB8900 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 #CB8900 looks like.

```
.text, #text, p{  
    color:#CB8900  
}
```

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 #CB8900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB8900
}
```

Border

The CSS property to change the border of an element to Hex CB8900 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
#CB8900 }
```

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

```
.border{ border-color:#CB8900 }
```

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

Here you see how a box with a 4 pixel #CB8900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB8900; -webkit-box-shadow:4px 4px  
4px 4px #CB8900; box-shadow:4px 4px 4px  
4px #CB8900 }
```

Background

The CSS property to change the background color of an element to Hex CB8900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB8900 }
```

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

```
.background{ background-color:#CB8900 }
```

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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