

Converting Colors

Hex(CB8C2C)

Have a look what the booklet for
Hex(CB8C2C) contains.

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Color

Hex(CB8C2C)

Conversions

Conversions Part 1

Format	Color
Hex	CB8C2C
RGB	203, 140, 44
RGB Percent	80%, 55%, 17%
CMY	0.2039, 0.4510, 0.8275
CMYK	0.00, 0.31, 0.78, 0.20
HSL	36°, 64%, 48%
HSV	36°, 78%, 80%
XYZ	34.4613, 31.6345, 6.6726
YIQ	147.8930, 68.3640, -16.5000

Conversions

Conversions Part 2

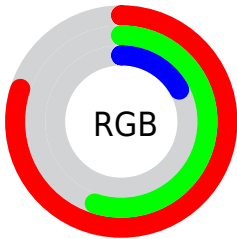
Format	Color
R _Y B	148, 203, 44
Decimal	13339692
CIE Lab	63.04, 15.85, 57.42
CIE LCh	63, 59.570, 74.573
Yxy	31.6345, 0.4736, 0.4347
Android (android.graphics.Color)	4291529772 (0xFFCB8C2C)
YUV	147.8930, -51.2192, 48.3288
Hunter-Lab	56.2446, 10.9397, 32.3373

Details

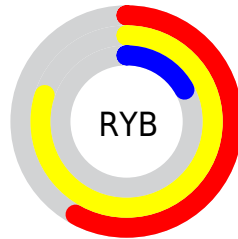
The Hex color **CB8C2C** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **2C6BCB**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFC161**, and **905A00** is the 20% darker color. If you saturate the color by 10%, you get **CB8418**, and if you desaturate by 10%, it is **CB9440**.

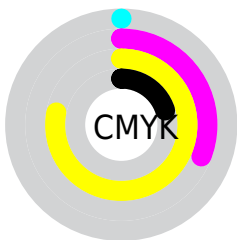
Distribution



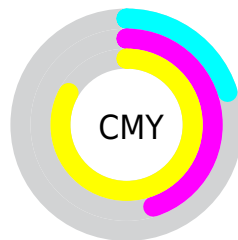
- Red (80%)
- Green (55%)
- Blue (17%)



- Red (58%)
- Yellow (80%)
- Blue (17%)



- Cyan (0%)
- Magenta (31%)
- Yellow (78%)
- Black (20%)



- Cyan (20%)
- Magenta (45%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB8C2C 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 CB8C2C by changing the saturation by 10% instead.

 CB8C2C

 CB8C2C

FFFFFF

 AD730C

 FFC161

 905A00

 FFDD7B

 734200

 FFFA96

 572C00

 FFFFB2

 3C1700

 FFFFCE

 240000

 FFFFEB

 000000

 CB8C2C

 CB8C2C

 CB8418

 CB9440

 CB7C03

 CB9C55

 CB7B00

 CBA469

 CBAC7D

 CBB492

 CBBCA6

 CBC4BA

 CBCCCE

 CBD4E3

Harmonies

Analogous

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



EC7750



CB8C2C



9C9E27

Triad

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



CB8C2C



00B2B2



BC7FE5

Complementary

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



CB8C2C



2C6BCB

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.



6496FF



CB8C2C



00AFE2

Square

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



CB8C2C



00B07B



00A6FE



EB6BB6

Rectangle

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



CB8C2C



76A73B



00A6FE



A587F0

Sweetspot

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



CB8C2C



FFE8C4



CB2C6C



80715C



000000



808080

Same Dimension

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



CB8C2C



FFA00F



BBCB2C



66625C



A66400



261700

Inverse Universe

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



2C6BCB



0F6EFF



3C2CCB



5C6066



0042A6



000F26

Previews

White Background



This preview shows how the Hex color CB8C2C looks on a white background.

Color Contrast Check

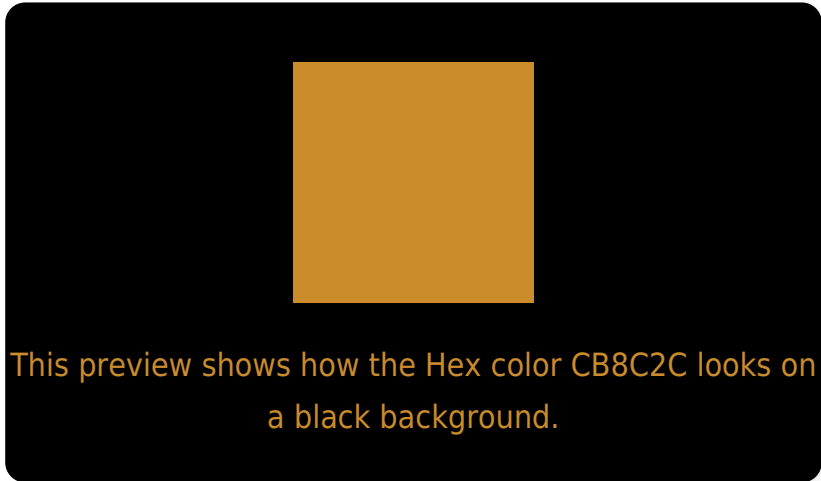
Large Text (above 18pt) WCAG AA × Fail

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 CB8C2C Background



This preview shows how black text looks on a background with the Hex color CB8C2C.



This preview shows how white text looks on a background with the Hex color CB8C2C.

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
CB8C2C

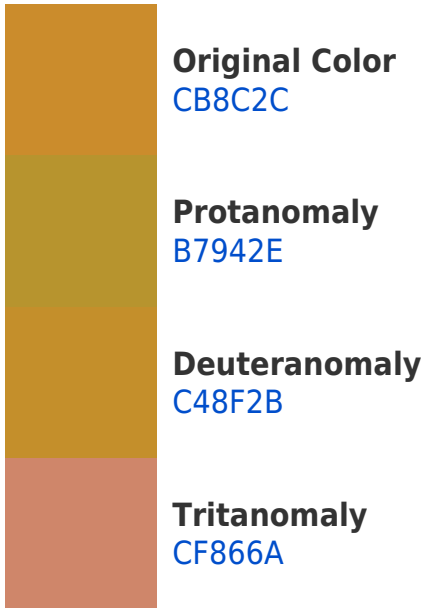
Protanopia
AB992F

Deuteranopia
C0912A



Tritanopia
D1838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CB8C2C 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 #CB8C2C looks like.

```
.text, #text, p{  
    color:#CB8C2C  
}
```

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 #CB8C2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB8C2C
}
```

Border

The CSS property to change the border of an element to Hex CB8C2C 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
#CB8C2C }
```

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

```
.border{ border-color:#CB8C2C }
```

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

Here you see how a box with a 4 pixel #CB8C2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB8C2C; -webkit-box-shadow:4px 4px  
4px 4px #CB8C2C; box-shadow:4px 4px 4px  
4px #CB8C2C }
```

Background

The CSS property to change the background color of an element to Hex CB8C2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB8C2C }
```

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

```
.background{ background-color:#CB8C2C }
```

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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