

Converting Colors

Hex(C8851C)

Have a look what the booklet for
Hex(C8851C) contains.

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Color

Hex(C8851C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C8851C |
| RGB | 200, 133, 28 |
| RGB Percent | 78%, 52%, 11% |
| CMY | 0.2157, 0.4784, 0.8902 |
| CMYK | 0.00, 0.33, 0.86, 0.22 |
| HSL | 37°, 75%, 45% |
| HSV | 37°, 86%, 78% |
| XYZ | 32.4165, 29.1383, 5.0143 |
| YIQ | 141.0630, 73.6370, -18.4510 |

Conversions

Conversions Part 2

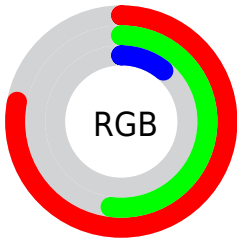
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 138, 200, 28 |
| Decimal | 13141276 |
| CIE _{Lab} | 60.90, 17.86, 60.90 |
| CIE _{LCh} | 61, 63.468, 73.658 |
| Yxy | 29.1383, 0.4870, 0.4377 |
| Android (android.graphics.Color) | 4291331356 (0xFFC8851C) |
| YUV | 141.0630, -55.7401, 51.6877 |
| Hunter-Lab | 53.9799, 12.7299, 32.2783 |

Details

The Hex color **C8851C** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark washed orange. A complement of this color would be **1C5FC8**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FFBA54**, and **8C5300** is the 20% darker color. If you saturate the color by 10%, you get **C87D08**, and if you desaturate by 10%, it is **C88D30**.

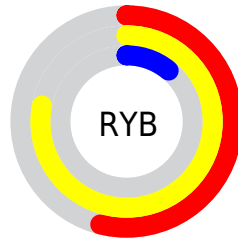
Distribution



Red (78%)

Green (52%)

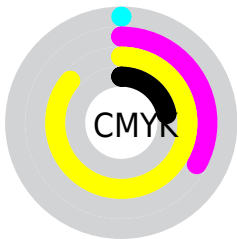
Blue (11%)



Red (54%)

Yellow (78%)

Blue (11%)

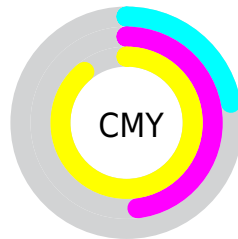


Cyan (0%)

Magenta (33%)

Yellow (86%)

Black (22%)



Cyan (22%)

Magenta (48%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color C8851C 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 C8851C by changing the saturation by 10% instead.

 C8851C

 C8851C

FFFFFF

 AA6C00

 FFBA54

 8C5300

 FFD66E

 703C00

 FFF289

 532600

 FFFFA5

 381100

 FFFFC1

 220000

 FFFFDE

 000000

 FFFFFB

 C8851C

 C8851C

 C87D08

 C88D30

 C87A00

 C89544

 C89C58

 C8A46C

 C8AC80

 C8B494

 C8BCA8

 C8C3BC

 C8CBD0

Harmonies

Analogous

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



EB6E48



C8851C



979810

Triad

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



C8851C



00ADAC



B678E5

Complementary

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



C8851C



1C5FC8

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.



5091FF



C8851C



00ABDF

Square

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



C8851C



00AB71



00A2FF



E861B4

Rectangle

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



C8851C



6FA12B



00A2FF



9C81F1

Sweetspot

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



C8851C



FFE5BD



C81C61



807058



000000



808080

Same Dimension

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



C8851C



FF9C00



B7C81C



63605A



A36400



241600

Inverse Universe

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



1C5FC8



0063FF



2D1CC8



5A5D63



0040A3



000E24

Previews

White Background



This preview shows how the Hex color C8851C looks on a white background.

Color Contrast Check

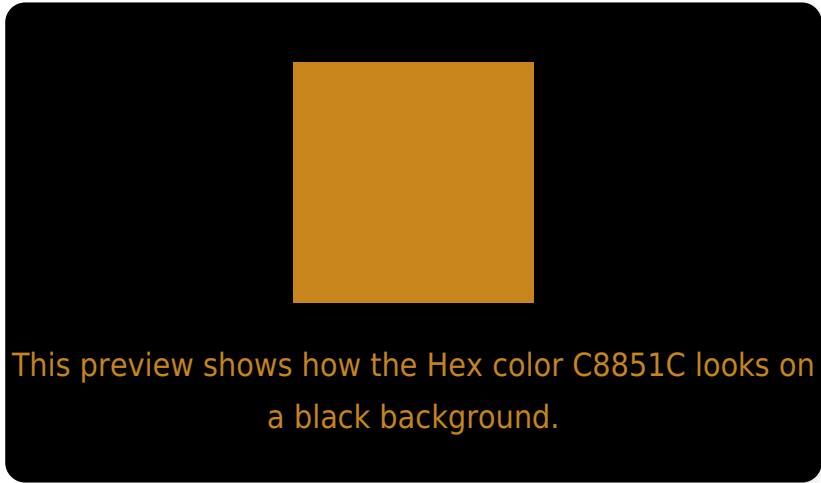
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex C8851C Background



This preview shows how black text looks on a background with the Hex color C8851C.



This preview shows how white text looks on a background with the Hex color C8851C.

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
C8851C

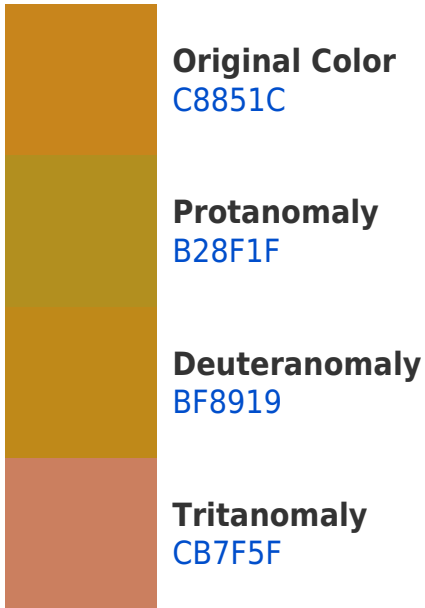
Protanopia
A69420

Deuteranopia
BA8C18



Tritanopia
CD7C85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C8851C 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 #C8851C looks like.

```
.text, #text, p{  
    color:#C8851C  
}
```

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 #C8851C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8851C
}
```

Border

The CSS property to change the border of an element to Hex C8851C 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
#C8851C }
```

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

```
.border{ border-color:#C8851C }
```

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

Here you see how a box with a 4 pixel #C8851C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8851C; -webkit-box-shadow:4px 4px  
4px 4px #C8851C; box-shadow:4px 4px 4px  
4px #C8851C }
```

Background

The CSS property to change the background color of an element to Hex C8851C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8851C }
```

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

```
.background{ background-color:#C8851C }
```

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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