

Converting Colors

Hex(C4822C)

Have a look what the booklet for
Hex(C4822C) contains.

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Color

Hex(C4822C)

Conversions

Conversions Part 1

Format	Color
Hex	C4822C
RGB	196, 130, 44
RGB Percent	77%, 51%, 17%
CMY	0.2314, 0.4902, 0.8275
CMYK	0.00, 0.34, 0.78, 0.23
HSL	34°, 63%, 47%
HSV	34°, 78%, 77%
XYZ	31.2022, 27.8829, 6.1203
YIQ	139.9300, 66.9420, -12.7540

Conversions

Conversions Part 2

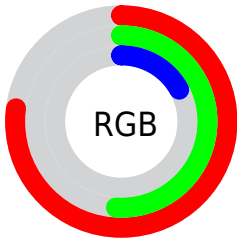
Format	Color
RYB	161, 196, 44
Decimal	12878380
CIELab	59.78, 18.27, 54.05
CIElCh	60, 57.052, 71.322
Yxy	27.8829, 0.4785, 0.4276
Android (android.graphics.Color)	4291068460 (0xFFC4822C)
YUV	139.9300, -47.2935, 49.1734
Hunter-Lab	52.8042, 13.0688, 30.0910

Details

The Hex color **C4822C** 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 **2C6EC4**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FFB760**, and **895100** is the 20% darker color. If you saturate the color by 10%, you get **C47918**, and if you desaturate by 10%, it is **C48B40**.

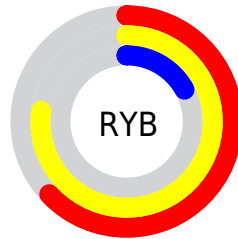
Distribution



Red (77%)

Green (51%)

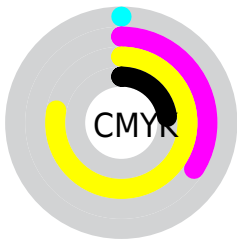
Blue (17%)



Red (63%)

Yellow (77%)

Blue (17%)

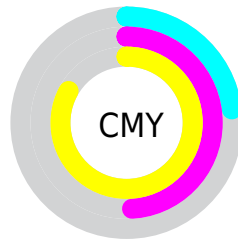


Cyan (0%)

Magenta (34%)

Yellow (78%)

Black (23%)



Cyan (23%)

Magenta (49%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color C4822C 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 C4822C by changing the saturation by 10% instead.

 C4822C

 C4822C

FFFFFF

 A6690E

 FFB760

 895100

 FFD37A

 6D3900

 FFEF95

 512400

 FFFFB0

 360F00

 FFFFCC

 1F0001

 FFFFFE9

 000000

 C4822C

 C4822C

 C47918

 C48B40

 C47105

 C49353

 C46F00

 C49C67

 C4A47A

 C4AD8E

 C4B5A2

 C4BEB5

 C4C6C9

 C4CFDC

Harmonies

Analogous

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



E26E50



C4822C



999423

Triad

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



C4822C



00A8A2



AB7ADC

Complementary

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



C4822C



2C6EC4

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.



508FF3



C4822C



00A6D1

Square

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



C4822C



00A66E



009EEF



DB67B1

Rectangle

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



C4822C



769C33



009EEF



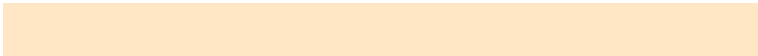
9482E6

Sweetspot

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



C4822C



FFE6C4



C42C70



80705C



000000



808080

Same Dimension

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



C4822C



FF9812



BCC42C



615D57



A15B00



211300

Inverse Universe

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



2C6EC4



1279FF



342CC4



575B61



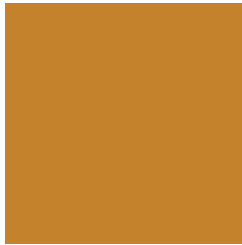
0046A1



000E21

Previews

White Background



This preview shows how the Hex color C4822C looks on a white background.

Color Contrast Check

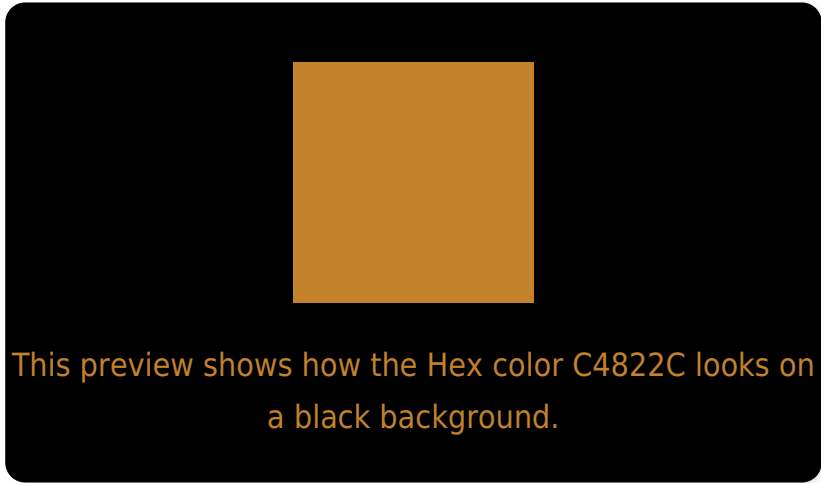
Large Text (above 18pt) WCAG AA ✓ Pass

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 C4822C Background



This preview shows how black text looks on a background with the Hex color C4822C.



This preview shows how white text looks on a background with the Hex color C4822C.

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
C4822C

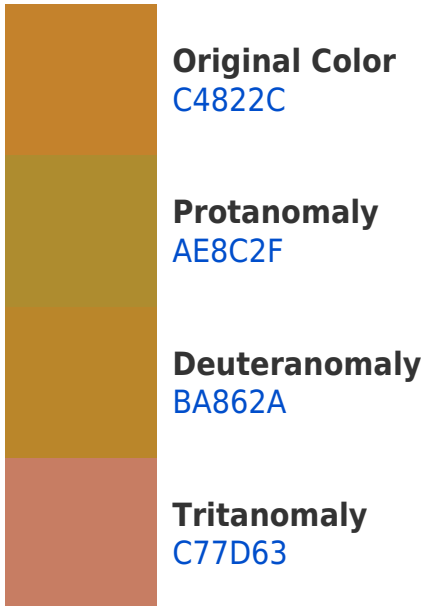
Protanopia
A29130

Deuteranopia
B58929



Tritanopia
C97A83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C4822C 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 #C4822C looks like.

```
.text, #text, p{  
    color:#C4822C  
}
```

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 #C4822C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4822C
}
```

Border

The CSS property to change the border of an element to Hex C4822C 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
#C4822C }
```

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

```
.border{ border-color:#C4822C }
```

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

Here you see how a box with a 4 pixel #C4822C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4822C; -webkit-box-shadow:4px 4px  
4px 4px #C4822C; box-shadow:4px 4px 4px  
4px #C4822C }
```

Background

The CSS property to change the background color of an element to Hex C4822C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4822C }
```

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

```
.background{ background-color:#C4822C }
```

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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