

# Converting Colors

Hex(CA803C)

Have a look what the booklet for  
Hex(CA803C) contains.

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**Color**

**Hex(CA803C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CA803C
RGB	202, 128, 60
RGB Percent	79%, 50%, 24%
CMY	0.2078, 0.4980, 0.7647
CMYK	0.00, 0.37, 0.70, 0.21
HSL	29°, 57%, 51%
HSV	29°, 70%, 79%
XYZ	32.8919, 28.3211, 8.0079
YIQ	142.3740, 65.9320, -5.4600

# Conversions

## Conversions Part 2

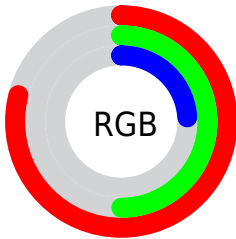
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	202, 190, 60
Decimal	13271100
CIE <sub>Lab</sub>	60.18, 22.69, 47.55
CIE <sub>LCh</sub>	60, 52.681, 64.494
Yxy	28.3211, 0.4752, 0.4091
Android (android.graphics.Color)	4291461180 (0xFFCA803C)
YUV	142.3740, -40.6104, 52.2920
Hunter-Lab	53.2176, 17.1936, 28.3307

# Details

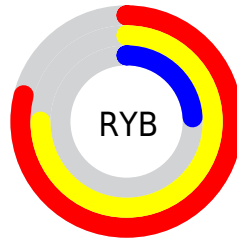
The Hex color **CA803C** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **3C86CA**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FFB56E**, and **8F4E06** is the 20% darker color. If you saturate the color by 10%, you get **CA7528**, and if you desaturate by 10%, it is **CA8B50**.

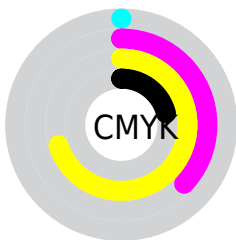
# Distribution



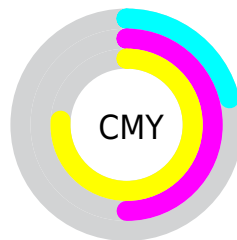
- Red (79%)
- Green (50%)
- Blue (24%)



- Red (79%)
- Yellow (75%)
- Blue (24%)



- Cyan (0%)
- Magenta (37%)
- Yellow (70%)
- Black (21%)



- Cyan (21%)
- Magenta (50%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA803C 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 CA803C by changing the saturation by 10% instead.



CA803C

CA803C

FFFFFF

AC6723

FFB56E

8F4E06

FFD189

733700

FFEDA3

562100

FFFFBF

3B0B00

FFFFDB

250001

FFFFF8

000000

CA803C

CA803C

CA7528

CA8B50

 CA6B14

 CA9564

 CA6100

 CAA079

 CAAA8D

 CAB5A1

 CABFB5

 CACAC9

 CAD4DE

 CADFF2

# Harmonies

## Analogous

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



E26F5F



CA803C



A4912E

# Triad

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



CA803C



00A897



9C82DE

# Complementary

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



CA803C



3C86CA

# 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.



3E94EE



CA803C



00A7C4

# Square

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



CA803C



2AA567



00A0E4



CF70BA

# Rectangle

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



CA803C



859A37



00A0E4



8488E6



# Sweetspot

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



CA803C



FFE3C9



CA3C88



806F60



000000



808080



# Same Dimension

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



CA803C



FF8F29



CAC53C



66615C



A64F00



261200



# Inverse Universe

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



3C86CA



2998FF



3C41CA



5C6166



0056A6



001426



# Previews

## White Background



This preview shows how the Hex color CA803C looks on a white background.

## Color Contrast Check

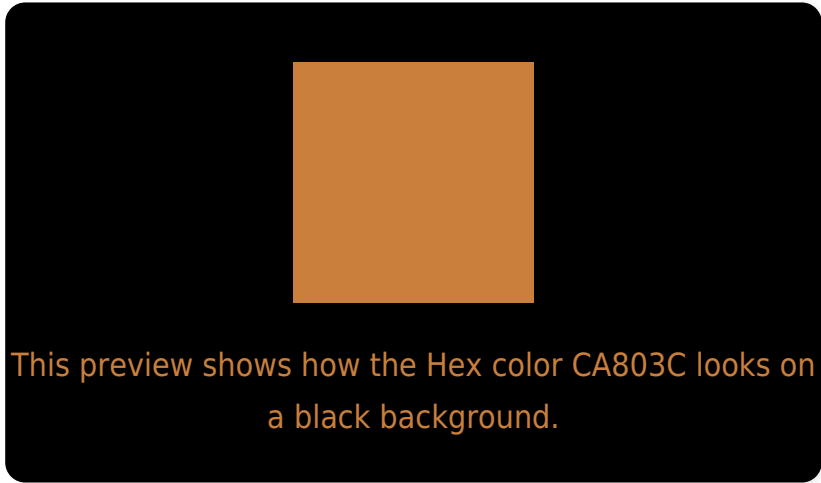
Large Text (above 18pt) WCAG AA ✓ Pass

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

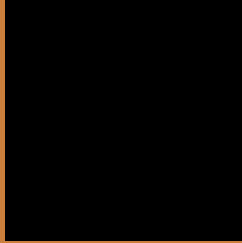
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex CA803C Background



This preview shows how black text looks on a background with the Hex color CA803C.



This preview shows how white text looks on a background with the Hex color CA803C.

# 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**  
CA803C

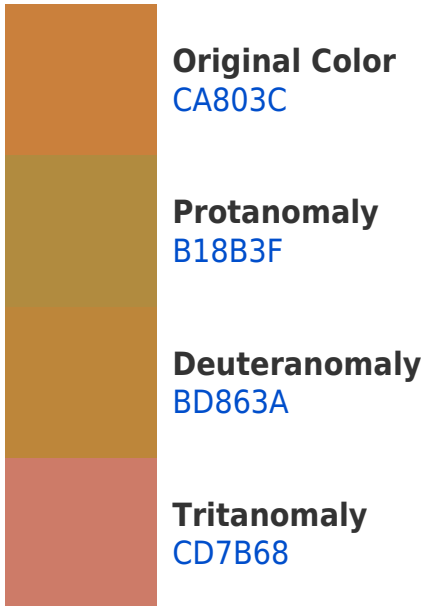
**Protanopia**  
A29241

**Deuteranopia**  
B58A39



**Tritanopia**  
CE7881

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA803C 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 #CA803C looks like.

```
.text, #text, p{  
    color:#CA803C  
}
```

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 #CA803C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA803C  
}
```

## Border

The CSS property to change the border of an element to Hex CA803C 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  
#CA803C }
```

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

```
.border{ border-color:#CA803C }
```

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

Here you see how a box with a 4 pixel #CA803C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA803C; -webkit-box-shadow:4px 4px  
4px 4px #CA803C; box-shadow:4px 4px 4px  
4px #CA803C }
```

# Background

The CSS property to change the background color of an element to Hex CA803C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA803C }
```

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

```
.background{ background-color:#CA803C }
```

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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