

# Converting Colors

Hex(CA733C)

Have a look what the booklet for  
Hex(CA733C) contains.

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**Color**

**Hex(CA733C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CA733C
RGB	202, 115, 60
RGB Percent	79%, 45%, 24%
CMY	0.2078, 0.5490, 0.7647
CMYK	0.00, 0.43, 0.70, 0.21
HSL	23°, 57%, 51%
HSV	23°, 70%, 79%
XYZ	31.3035, 25.1443, 7.4784
YIQ	134.7430, 69.5070, 1.3390

# Conversions

## Conversions Part 2

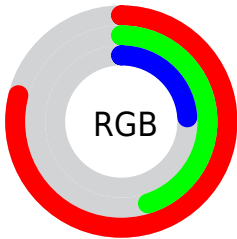
Format	Color
R <sub>Y</sub> B	202, 150, 60
Decimal	13267772
CIE Lab	57.22, 29.71, 44.33
CIE LCh	57, 53.363, 56.171
Yxy	25.1443, 0.4897, 0.3933
Android (android.graphics.Color)	4291457852 (0xFFCA733C)
YUV	134.7430, -36.8483, 58.9844
Hunter-Lab	50.1441, 23.6802, 26.2584

# Details

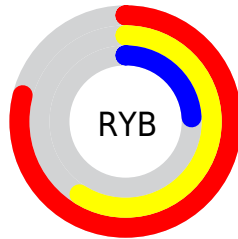
The Hex color **CA733C** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **3C93CA**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FFA86E**, and **8F410A** is the 20% darker color. If you saturate the color by 10%, you get **CA6728**, and if you desaturate by 10%, it is **CA7F50**.

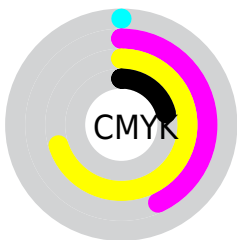
# Distribution



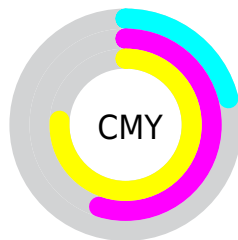
- Red (79%)
- Green (45%)
- Blue (24%)



- Red (79%)
- Yellow (59%)
- Blue (24%)



- Cyan (0%)
- Magenta (43%)
- Yellow (70%)
- Black (21%)



- Cyan (21%)
- Magenta (55%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA733C 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 CA733C by changing the saturation by 10% instead.



 CA733C

 CA733C

FFFFFF

 AC5A24

 FFA86E

 8F410A

 FFC388

 722A00

 FFDFA2

 551200

 FFFCBE

 390000

 FFFFDA

 1F0001

 FFFFF7

 000000

 CA733C

 CA733C

 CA6728

 CA7F50

■ CA5A14

■ CA8C64

■ CA4E00

■ CA9879

■ CAA58D

■ CAB1A1

■ CABDB5

■ CACAC9

■ CAD6DE

■ CAE2F2

# Harmonies

## Analogous

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



DD6363



CA733C



A78525

# Triad

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



CA733C



009F82



8080DD

# Complementary

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



CA733C



3C93CA

# 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.



0090E6



CA733C



00A0B1

# Square

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



CA733C



3B9B53



009BD6



BC6CBE

# Rectangle

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



CA733C



8A8F28



009BD6



6286E3

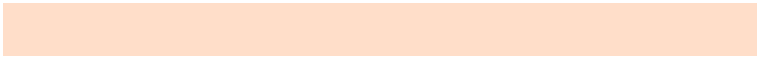


# Sweetspot

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



CA733C



FFDEC9



CA3C94



806C60



000000



808080



# Same Dimension

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



CA733C



FF7C29



CAB93C



66605C



A64000



260F00

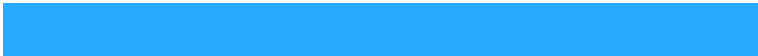


# Inverse Universe

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



3C93CA



29ACFF



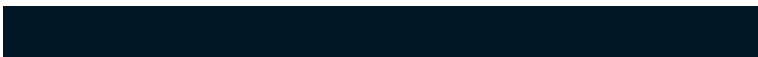
3C4DCA



5C6266



0066A6

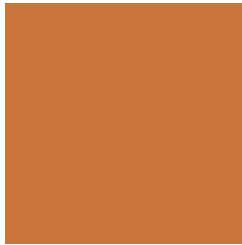


001726



# Previews

## White Background



This preview shows how the Hex color CA733C looks on a white background.

## Color Contrast Check

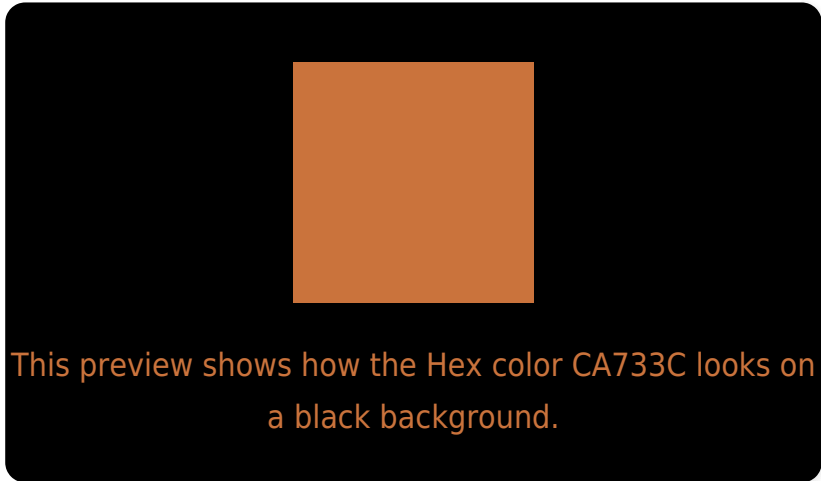
Large Text (above 18pt) WCAG AA ✓ Pass

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

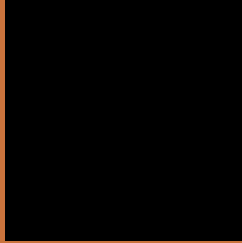
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex CA733C Background



This preview shows how black text looks on a background with the Hex color CA733C.



This preview shows how white text looks on a background with the Hex color CA733C.

# 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**  
CA733C

**Protanopia**  
998A43

**Deuteranopia**  
AB8338



**Tritanopia**  
CD6D74

# Trichromacy



**Original Color**  
CA733C

**Protanomaly**  
AB8240

**Deuteranomaly**  
B67D39

**Tritanomaly**  
CC6F60

# Monochromacy



**Original Color**  
CA733C

**Achromatopsia**  
878787

**Achromatomaly**  
9F806C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA733C 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 #CA733C looks like.

```
.text, #text, p{  
    color:#CA733C  
}
```

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 #CA733C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA733C
}
```

## Border

The CSS property to change the border of an element to Hex CA733C 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
#CA733C }
```

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

```
.border{ border-color:#CA733C }
```

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

Here you see how a box with a 4 pixel #CA733C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA733C; -webkit-box-shadow:4px 4px  
4px 4px #CA733C; box-shadow:4px 4px 4px  
4px #CA733C }
```

# Background

The CSS property to change the background color of an element to Hex CA733C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA733C }
```

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

```
.background{ background-color:#CA733C }
```

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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