

Converting Colors

Hex(CA702E)

Have a look what the booklet for
Hex(CA702E) contains.

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Color

Hex(CA702E)

Conversions

Conversions Part 1

Format	Color
Hex	CA702E
RGB	202, 112, 46
RGB Percent	79%, 44%, 18%
CMY	0.2078, 0.5608, 0.8196
CMYK	0.00, 0.45, 0.77, 0.21
HSL	25°, 63%, 49%
HSV	25°, 77%, 79%
XYZ	30.6444, 24.3422, 5.6681
YIQ	131.3860, 74.8260, -1.4460

Conversions

Conversions Part 2

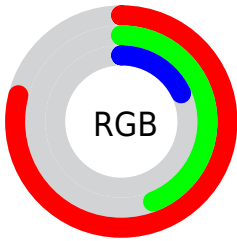
Format	Color
R _Y B	202, 160, 46
Decimal	13266990
CIE Lab	56.43, 30.66, 50.20
CIE LCh	56, 58.822, 58.585
Yxy	24.3422, 0.5052, 0.4013
Android (android.graphics.Color)	4291457070 (0xFFCA702E)
YUV	131.3860, -42.0953, 61.9285
Hunter-Lab	49.3378, 24.5280, 27.7249

Details

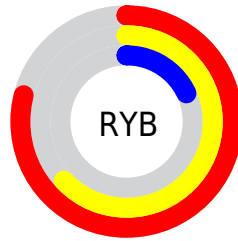
The Hex color **CA702E** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **2E88CA**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FFA560**, and **8E3F00** is the 20% darker color. If you saturate the color by 10%, you get **CA641A**, and if you desaturate by 10%, it is **CA7C42**.

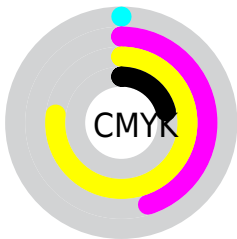
Distribution



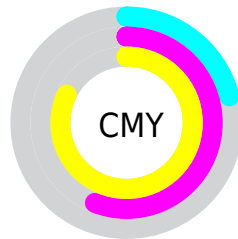
- Red (79%)
- Green (44%)
- Blue (18%)



- Red (79%)
- Yellow (63%)
- Blue (18%)



- Cyan (0%)
- Magenta (45%)
- Yellow (77%)
- Black (21%)



- Cyan (21%)
- Magenta (56%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA702E 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 CA702E by changing the saturation by 10% instead.

CA702E

CA702E

FFFFFF

AC5714

FFA560

8E3F00

FFC07A

712700

FFDC95

540E00

FFF9B0

380000

FFFFCC

1D0001

FFFFE8

000000

CA702E

CA702E

CA641A

CA7C42

■ CA5906

■ CA8756

■ CA5500

■ CA936B

■ CA9F7F

■ CAAA93

■ CAB6A7

■ CAC2BB

■ CACDD0

■ CAD9E4

Harmonies

Analogous

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



E15C59



CA702E



A3840F

Triad

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



CA702E



009F83



827BE2

Complementary

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



CA702E



2E88CA

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.



008EEE



CA702E



009FB7

Square

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



CA702E



1D9B4F



009ADE



C364BD

Rectangle

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



CA702E



838E17



009ADE



6182E9

Sweetspot

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



CA702E



FFDDC4



CA2E89



806B5C



000000



808080

Same Dimension

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



CA702E



FF7612



CABD2E



66605C



A64600



261000

Inverse Universe

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



2E88CA



129BFF



2E3BCA



5C6266



0060A6



001626

Previews

White Background



This preview shows how the Hex color CA702E looks on a white background.

Color Contrast Check

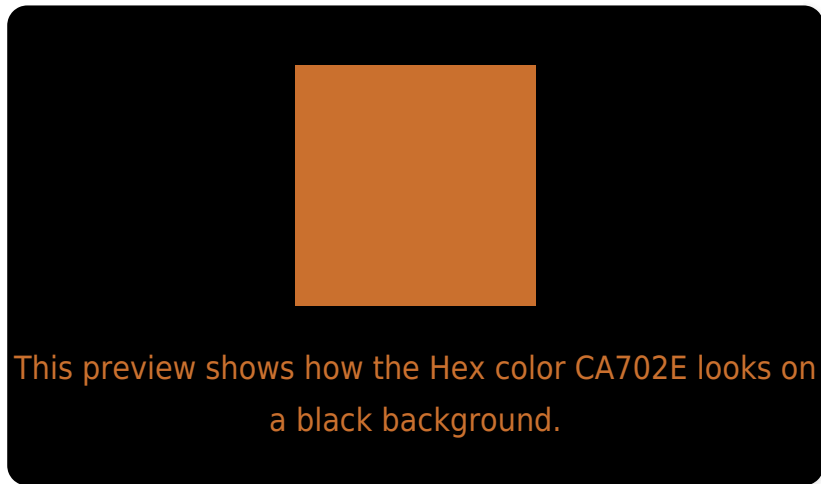
Large Text (above 18pt) WCAG AA ✓ Pass

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

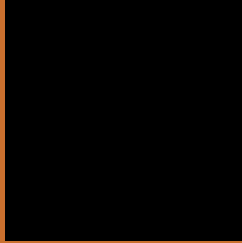
Any Text WCAG AA ✓ Pass

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 CA702E Background



This preview shows how black text looks on a background with the Hex color CA702E.



This preview shows how white text looks on a background with the Hex color CA702E.

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

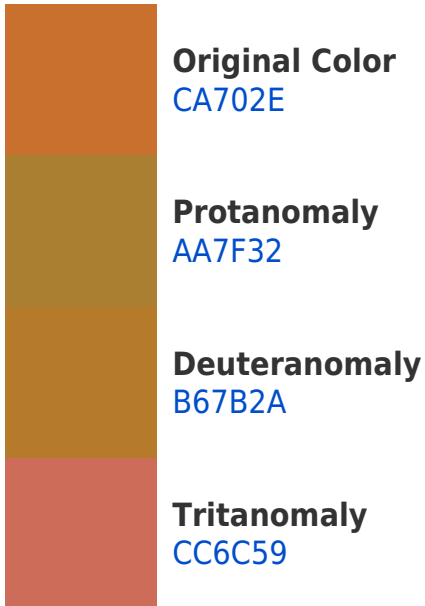


Original Color
CA702E

Protanopia
978835

Deuteranopia
AA8128

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA702E 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 #CA702E looks like.

```
.text, #text, p{  
    color:#CA702E  
}
```

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 #CA702E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA702E
}
```

Border

The CSS property to change the border of an element to Hex CA702E 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
#CA702E }
```

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

```
.border{ border-color:#CA702E }
```

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

Here you see how a box with a 4 pixel #CA702E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA702E; -webkit-box-shadow:4px 4px  
4px 4px #CA702E; box-shadow:4px 4px 4px  
4px #CA702E }
```

Background

The CSS property to change the background color of an element to Hex CA702E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA702E }
```

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

```
.background{ background-color:#CA702E }
```

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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