

# Converting Colors

Hex(C1703E)

Have a look what the booklet for  
Hex(C1703E) contains.

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**Color**

**Hex(C1703E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C1703E
RGB	193, 112, 62
RGB Percent	76%, 44%, 24%
CMY	0.2431, 0.5608, 0.7569
CMYK	0.00, 0.42, 0.68, 0.24
HSL	23°, 51%, 50%
HSV	23°, 68%, 76%
XYZ	28.6560, 23.2736, 7.5393
YIQ	130.5190, 64.3260, 1.6220

# Conversions

## Conversions Part 2

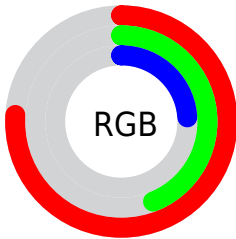
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	193, 143, 62
Decimal	12677182
CIE Lab	55.35, 27.71, 40.90
CIE LCh	55, 49.401, 55.875
Yxy	23.2736, 0.4819, 0.3914
Android (android.graphics.Color)	4290867262 (0xFFC1703E)
YUV	130.5190, -33.7799, 54.7958
Hunter-Lab	48.2427, 21.6036, 24.5041

# Details

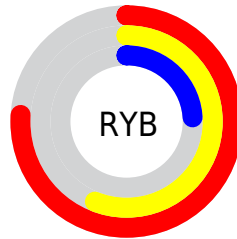
The Hex color **C1703E** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **3E8FC1**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FDA46F**, and **863F0E** is the 20% darker color. If you saturate the color by 10%, you get **C1642B**, and if you desaturate by 10%, it is **C17C51**.

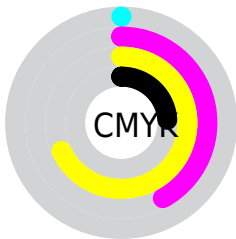
# Distribution



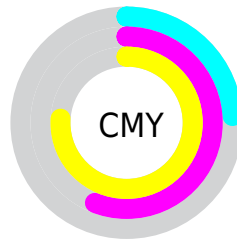
- Red (76%)
- Green (44%)
- Blue (24%)



- Red (76%)
- Yellow (56%)
- Blue (24%)



- Cyan (0%)
- Magenta (42%)
- Yellow (68%)
- Black (24%)



- Cyan (24%)
- Magenta (56%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C1703E 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 C1703E by changing the saturation by 10% instead.



 C1703E

 C1703E

FFFFFF

 A35726

 FDA46F

 863F0E

 FFC089

 6A2700

 FFDC44

 4E1000

 FFF9BF

 330000

 FFFFDB

 120000

 FFFFF8

 000000

 C1703E

 C1703E

 C1642B

 C17C51

 C15817

 C18865

 C14C04

 C19478

 C14A00

 C1A08B

 C1AC9F

 C1B8B2

 C1C4C5

 C1CFD8

 C1DBEC

# Harmonies

## Analogous

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



D26262



C1703E



A1802A

# Triad

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



C1703E



00997D



7C7CD2

# Complementary

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



C1703E



3E8FC1

# 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.



008BDA



C1703E



0099A9

# Square

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



C1703E



409552



0095CB



B36AB5

# Rectangle

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



C1703E



86892C



0095CB



6281D7



# Sweetspot

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



C1703E



FADBC8



C13E91



7D6A5F



FCFCFC



7D7D7D



# Same Dimension

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



C1703E



FA7D2F



C1B03E



615B57



A13D00



210D00



# Inverse Universe

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



3E8FC1



2FADFA



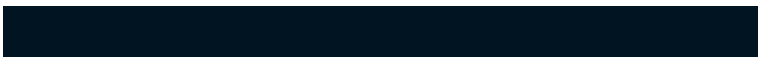
3E4FC1



575D61



0063A1

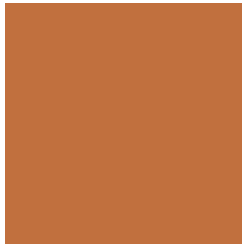


001421



# Previews

## White Background



This preview shows how the Hex color C1703E looks on a white background.

## Color Contrast Check

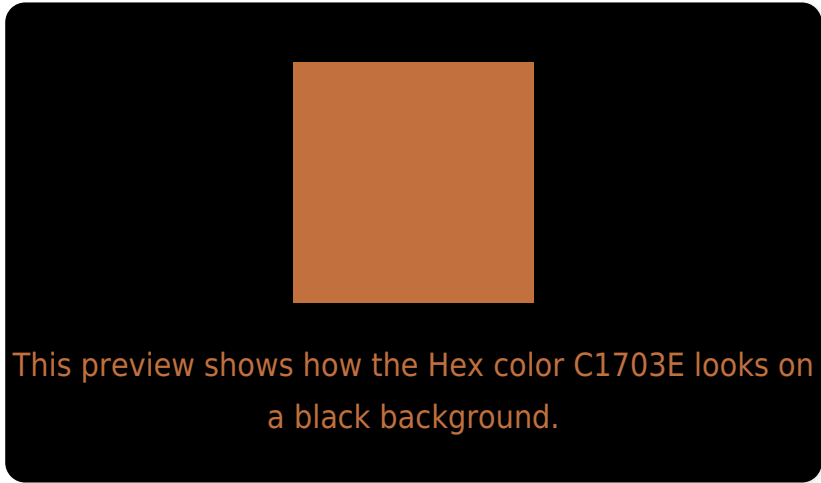
Large Text (above 18pt) WCAG AA ✓ Pass

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

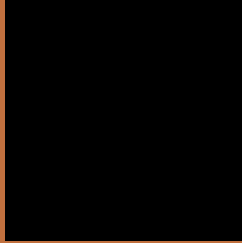
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C1703E Background



This preview shows how black text looks on a background with the Hex color C1703E.



This preview shows how white text looks on a background with the Hex color C1703E.

# 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**  
C1703E

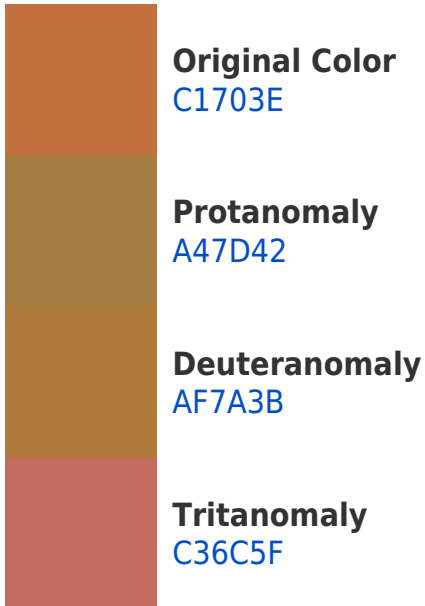
**Protanopia**  
938545

**Deuteranopia**  
A57F3A



**Tritanopia**  
C46A72

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C1703E 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 #C1703E looks like.

```
.text, #text, p{  
    color:#C1703E  
}
```

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 #C1703E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1703E
}
```

## Border

The CSS property to change the border of an element to Hex C1703E 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
#C1703E }
```

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

```
.border{ border-color:#C1703E }
```

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

Here you see how a box with a 4 pixel #C1703E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1703E; -webkit-box-shadow:4px 4px  
4px 4px #C1703E; box-shadow:4px 4px 4px  
4px #C1703E }
```

# Background

The CSS property to change the background color of an element to Hex C1703E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1703E }
```

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

```
.background{ background-color:#C1703E }
```

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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