

# Converting Colors

Hex(C4471E)

Have a look what the booklet for  
Hex(C4471E) contains.

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# Color

Hex(C4471E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C4471E
RGB	196, 71, 30
RGB Percent	77%, 28%, 12%
CMY	0.2314, 0.7216, 0.8824
CMYK	0.00, 0.64, 0.85, 0.23
HSL	15°, 73%, 44%
HSV	15°, 85%, 77%
XYZ	25.2525, 16.3360, 3.0505
YIQ	103.7010, 87.6610, 13.7490

# Conversions

## Conversions Part 2

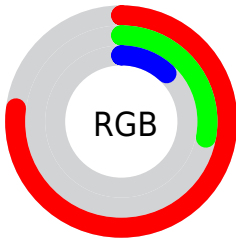
Format	Color
R <sub>Y</sub> B	196, 84, 30
Decimal	12863262
CIE Lab	47.41, 48.11, 48.59
CIE LCh	47, 68.374, 45.286
Yxy	16.3360, 0.5657, 0.3660
Android (android.graphics.Color)	4291053342 (0xFFC4471E)
YUV	103.7010, -36.3346, 80.9462
Hunter-Lab	40.4178, 40.7935, 23.8176

# Details

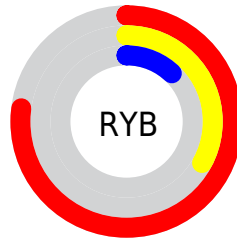
The Hex color **C4471E** is a dark color, and the websafe version is hex **993300**. The color can be described as dark washed red. A complement of this color would be **1E9BC4**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **FF7C4E**, and **860800** is the 20% darker color. If you saturate the color by 10%, you get **C4380A**, and if you desaturate by 10%, it is **C45632**.

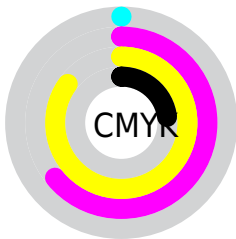
# Distribution



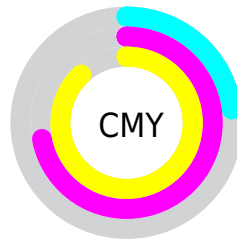
- Red (77%)
- Green (28%)
- Blue (12%)



- Red (77%)
- Yellow (33%)
- Blue (12%)



- Cyan (0%)
- Magenta (64%)
- Yellow (85%)
- Black (23%)



- Cyan (23%)
- Magenta (72%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4471E 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 C4471E by changing the saturation by 10% instead.



 C4471E

 C4471E

FFFFFF

 A52C03

 FF7C4E

 860800

 FF9867

 680000

 FFB481

 4A0000

 FFD09C

 300002

 FFEDB7

 000000

 FFFFFD3

 FFFFFFF0

 C4471E

 C4471E

 C4380A

 C45632

 C43000

 C46545

 C47359

 C4826C

 C49180

 C4A094

 C4AEA7

 C4BDBB

 C4CCCE

# Harmonies

## Analogous

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



D42A56



C4471E



9F6300

# Triad

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



C4471E



008851



006EE1

# Complementary

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



C4471E



1E9BC4

# 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.



007FE1



C4471E



008A8D

# Square

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



C4471E



1E820E



0088C2



9651C2

# Rectangle

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



C4471E



7F7100



0088C2



0075E4



# Sweetspot

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



C4471E



FFCFBF



C41E9D



806359



000000



808080



# Same Dimension

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



C4471E



FF3F00



C4981E



615A57



A12800



210800



# Inverse Universe

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



1E9BC4



00C0FF



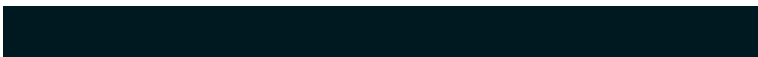
1E4AC4



575F61



0079A1



001921



# Previews

## White Background



This preview shows how the Hex color C4471E looks on a white background.

## Color Contrast Check

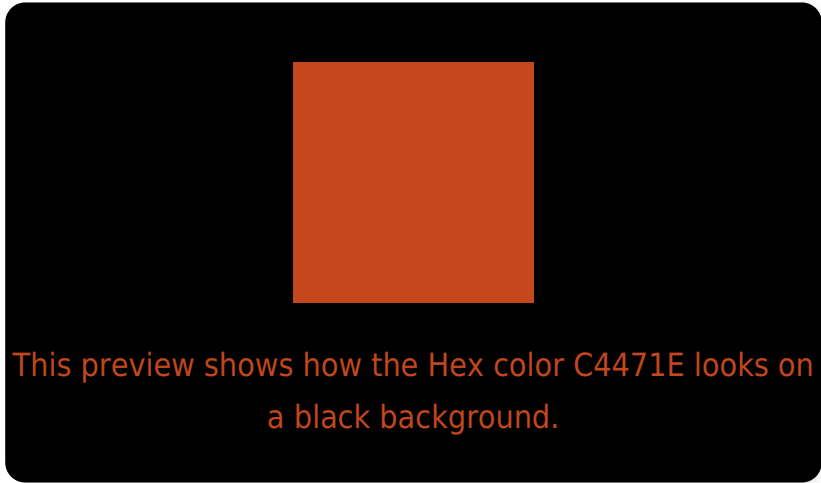
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex C4471E Background



This preview shows how black text looks on a background with the Hex color C4471E.



This preview shows how white text looks on a background with the Hex color C4471E.

# 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**  
C4471E

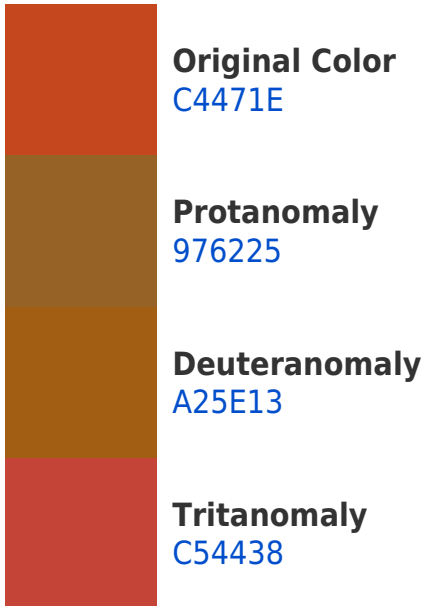
**Protanopia**  
7E7129

**Deuteranopia**  
8F6B0C

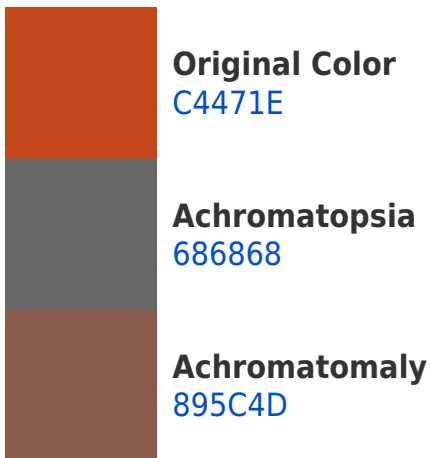


**Tritanopia**  
C54347

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4471E 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 #C4471E looks like.

```
.text, #text, p{  
    color:#C4471E  
}
```

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 #C4471E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4471E
}
```

## Border

The CSS property to change the border of an element to Hex C4471E is called "border". The border property can be set on classes, ids or directly on the HTML element.

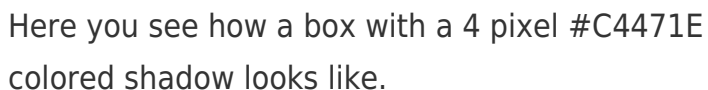
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C4471E }
```

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

```
.border{ border-color:#C4471E }
```

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



Here you see how a box with a 4 pixel `#C4471E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4471E; -webkit-box-shadow:4px 4px  
4px 4px #C4471E; box-shadow:4px 4px 4px  
4px #C4471E }
```

# Background

The CSS property to change the background color of an element to Hex C4471E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4471E }
```

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

```
.background{ background-color:#C4471E }
```

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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