

# Converting Colors

Hex(C03A2C)

Have a look what the booklet for  
Hex(C03A2C) contains.

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# Color

Hex(C03A2C)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | C03A2C                    |
| RGB           | 192, 58, 44               |
| RGB Percent   | 75%, 23%, 17%             |
| CMY           | 0.2471, 0.7725, 0.8275    |
| CMYK          | 0.00, 0.70, 0.77, 0.25    |
| HSL           | 6°, 63%, 46%              |
| HSV           | 6°, 77%, 75%              |
| XYZ           | 23.7059, 14.4144, 3.9157  |
| YIQ           | 96.4700, 84.3580, 24.0540 |

# Conversions

## Conversions Part 2

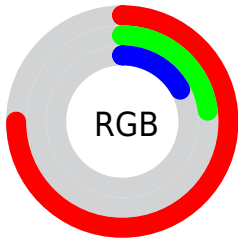
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 192, 59, 44                   |
| Decimal                             | 12597804                      |
| CIELab                              | 44.82, 52.57, 38.85           |
| CIELCh                              | 45, 65.368, 36.463            |
| Yxy                                 | 14.4144, 0.5639,<br>0.3429    |
| Android<br>(android.graphics.Color) | 4290787884<br>(0xFFC03A2C)    |
| YUV                                 | 96.4700, -25.8677,<br>83.7798 |
| Hunter-Lab                          | 37.9663, 45.0130,<br>20.4615  |

# Details

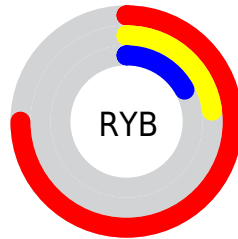
The Hex color **C03A2C** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **2CB2C0**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF715B**, and **830000** is the 20% darker color. If you saturate the color by 10%, you get **C02919**, and if you desaturate by 10%, it is **C04B3F**.

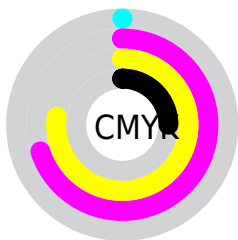
# Distribution



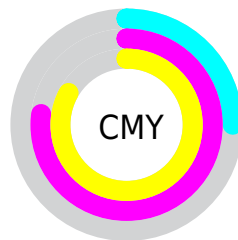
- Red (75%)
- Green (23%)
- Blue (17%)



- Red (75%)
- Yellow (23%)
- Blue (17%)



- Cyan (0%)
- Magenta (70%)
- Yellow (77%)
- Black (25%)



- Cyan (25%)
- Magenta (77%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C03A2C 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 C03A2C by changing the saturation by 10% instead.



 C03A2C

 C03A2C

FFFFFF

 A11B16

 FF715B

 830000

 FF8D74

 640000

 FFA88E

 470000

 FFC5A8

 2B0001

 FFE2C4

 000000

 FFFF00

 FFFFFC

 C03A2C

 C03A2C

 C02919

 C04B3F

 C01706

 C05D52

 C01200

 C06E66

 C08079

 C0918C

 C0A29F

 C0B4B2

 C0C5C6

 C0D6D9

# Harmonies

## Analogous

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



C82461



C03A2C



A25700

# Triad

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



C03A2C



007F3B



006DD8

# Complementary

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



C03A2C



2CB2C0

# 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.



007BCE



C03A2C



008275

# Square

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



C03A2C



3B7800



0081AA



7755C3

# Rectangle

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



C03A2C



866600



0081AA



0073D8



# Sweetspot

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



C03A2C



FAC6C0



C02CB4



7D5D5A



FCFCFC



7D7D7D



# Same Dimension

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



C03A2C



FA2711



C0822C



615857



A10F00



210300

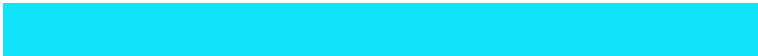


# Inverse Universe

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



2CB2C0



11E4FA



2C6AC0



576061



0091A1

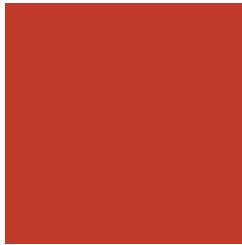


001E21



# Previews

## White Background



This preview shows how the Hex color C03A2C looks on a white background.

## Color Contrast Check

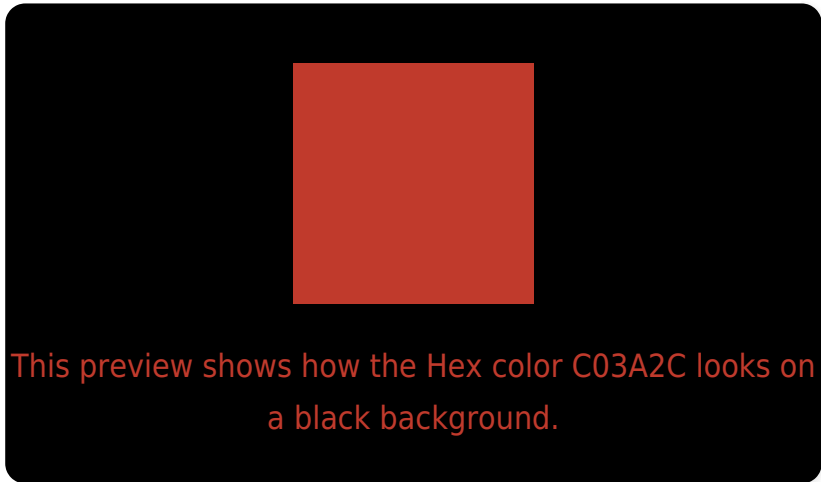
Large Text (above 18pt) WCAG AA ✓ Pass

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 C03A2C Background



This preview shows how black text looks on a background with the Hex color C03A2C.



This preview shows how white text looks on a background with the Hex color C03A2C.

# 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**  
C03A2C

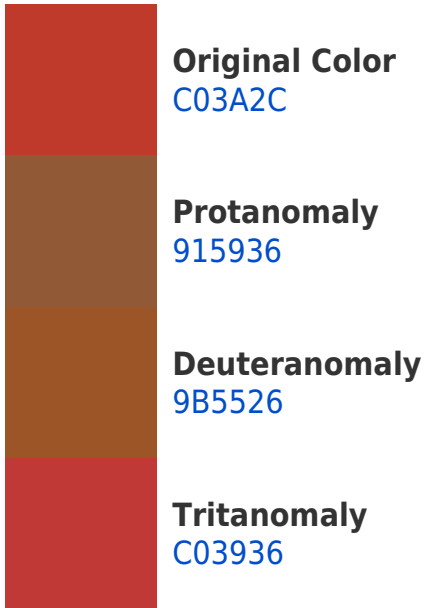
**Protanopia**  
766B3B

**Deuteranopia**  
866522

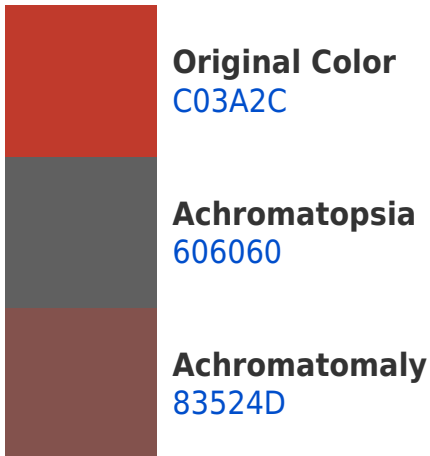


**Tritanopia**  
C0383B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C03A2C 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 #C03A2C looks like.

```
.text, #text, p{  
    color:#C03A2C  
}
```

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 #C03A2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C03A2C } }
```

## Border

The CSS property to change the border of an element to Hex C03A2C is called "border". The border property can be set on classes, ids or directly on the HTML element.

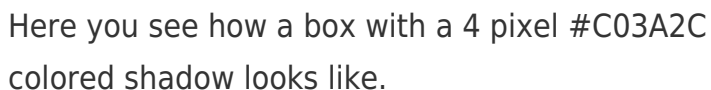
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #C03A2C } }
```

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

```
.border{ border-color:#C03A2C }
```

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



Here you see how a box with a 4 pixel `#C03A2C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C03A2C; -webkit-box-shadow:4px 4px  
4px 4px #C03A2C; box-shadow:4px 4px 4px  
4px #C03A2C }
```

# Background

The CSS property to change the background color of an element to Hex C03A2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C03A2C }
```

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

```
.background{ background-color:#C03A2C }
```

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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