

# Converting Colors

Hex(C0451A)

Have a look what the booklet for  
Hex(C0451A) contains.

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**Color**

**Hex(C0451A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C0451A
RGB	192, 69, 26
RGB Percent	75%, 27%, 10%
CMY	0.2471, 0.7294, 0.8980
CMYK	0.00, 0.64, 0.86, 0.25
HSL	16°, 76%, 43%
HSV	16°, 86%, 75%
XYZ	24.0528, 15.5373, 2.7086
YIQ	100.8750, 87.1110, 12.7030

# Conversions

## Conversions Part 2

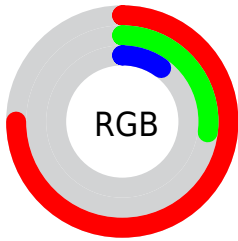
Format	Color
<a href="#">RYB</a>	<a href="#">192, 84, 26</a>
Decimal	<a href="#">12600602</a>
CIELab	<a href="#">46.36, 47.46, 49.14</a>
CIElCh	<a href="#">46, 68.315, 45.993</a>
Yxy	<a href="#">15.5373, 0.5686, 0.3673</a>
Android (android.graphics.Color)	<a href="#">4290790682 (0xFFC0451A)</a>
YUV	<a href="#">100.8750, -36.9134, 79.9166</a>
Hunter-Lab	<a href="#">39.4174, 39.9418, 23.5181</a>

# Details

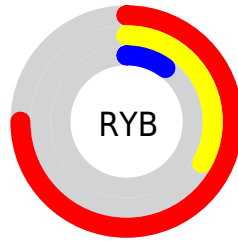
The Hex color **C0451A** is a dark color, and the websafe version is hex **993300**. The color can be described as dark washed red. A complement of this color would be **1A95C0**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF7A4B**, and **830500** is the 20% darker color. If you saturate the color by 10%, you get **C03707**, and if you desaturate by 10%, it is **C0532D**.

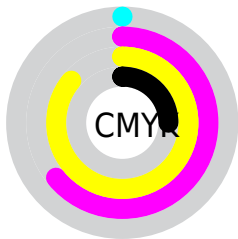
# Distribution



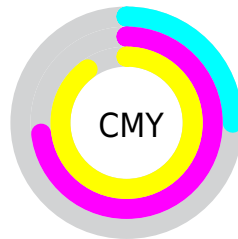
- Red (75%)
- Green (27%)
- Blue (10%)



- Red (75%)
- Yellow (33%)
- Blue (10%)



- Cyan (0%)
- Magenta (64%)
- Yellow (86%)
- Black (25%)



- Cyan (25%)
- Magenta (73%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C0451A 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 C0451A by changing the saturation by 10% instead.



 C0451A

 C0451A

FFFFFF

 A12A00

 FF7A4B

 830500

 FF9564

 640000

 FFB17D

 470000

 FFCE98

 2C0001

 FFEAB3

 000000

 FFFFFC

 FFFFEB

 C0451A

 C0451A

 C03707

 C0532D

 C03200

 C06140

 C07054

 C07E67

 C08C7A

 C09A8D

 C0A9A0

 C0B7B4

 C0C5C7

# Harmonies

## Analogous

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



D12652



C0451A



9B6100

# Triad

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



C0451A



008550



006ADD

# Complementary

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



C0451A



1A95C0

# 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.



007CDE



C0451A



00878C

# Square

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



C0451A



15800D



0085C0



954EBE

# Rectangle

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



C0451A



7B6F00



0085C0



0072E1



# Sweetspot

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



C0451A



FACAB9



C01A97



7D6056



FCFCFC



7D7D7D



# Same Dimension

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



C0451A



FA4100



C0971A



615A57



A12A00



210900



# Inverse Universe

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



1A95C0



00B9FA



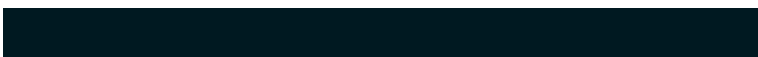
1A43C0



575E61



0077A1



001921



# Previews

## White Background



This preview shows how the Hex color C0451A looks on a white background.

## Color Contrast Check

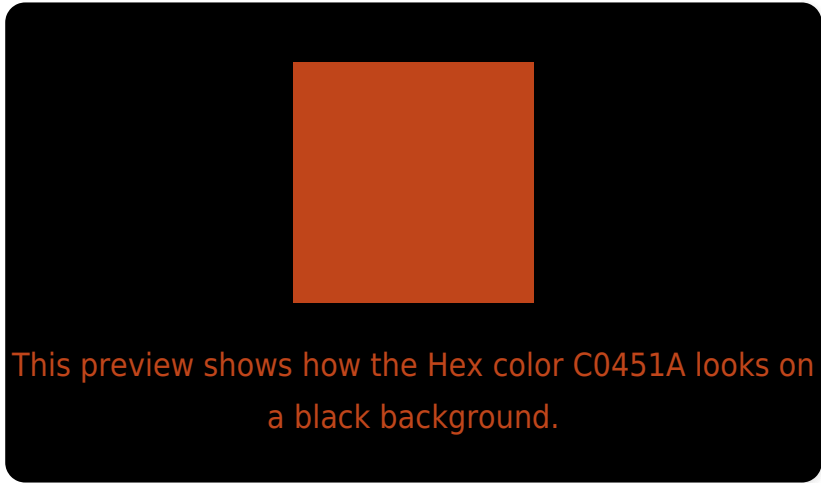
Large Text (above 18pt) WCAG AA ✓ Pass

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 C0451A Background



This preview shows how black text looks on a background with the Hex color C0451A.



This preview shows how white text looks on a background with the Hex color C0451A.

# 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**  
C0451A

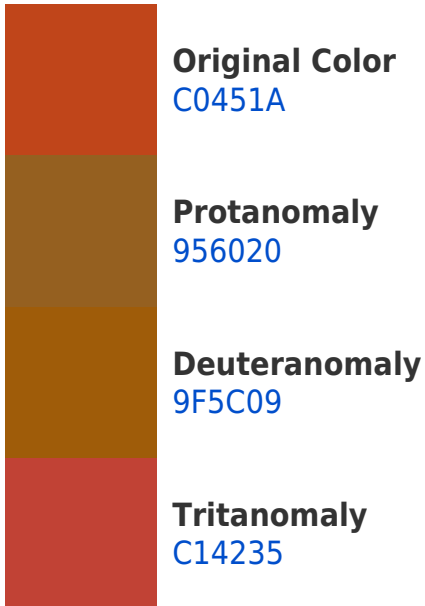
**Protanopia**  
7C6F24

**Deuteranopia**  
8C6900

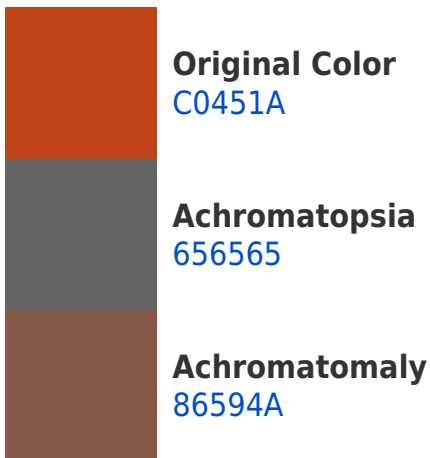


**Tritanopia**  
C14144

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C0451A 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 #C0451A looks like.

```
.text, #text, p{  
    color:#C0451A  
}
```

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 #C0451A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0451A
}
```

## Border

The CSS property to change the border of an element to Hex C0451A is called "border". The border property can be set on classes, ids or directly on the HTML element.

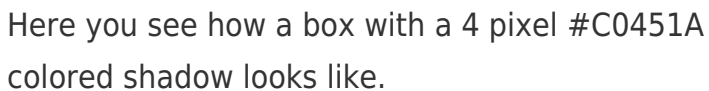
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C0451A }
```

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

```
.border{ border-color:#C0451A }
```

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



Here you see how a box with a 4 pixel `#C0451A` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0451A; -webkit-box-shadow:4px 4px  
4px 4px #C0451A; box-shadow:4px 4px 4px  
4px #C0451A }
```

# Background

The CSS property to change the background color of an element to Hex C0451A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0451A }
```

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

```
.background{ background-color:#C0451A }
```

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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