

# Converting Colors

Hex(C8431C)

Have a look what the booklet for  
Hex(C8431C) contains.

<b>Hex(C8431C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	28

**Color**

**Hex(C8431C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C8431C
RGB	200, 67, 28
RGB Percent	78%, 26%, 11%
CMY	0.2157, 0.7373, 0.8902
CMYK	0.00, 0.67, 0.86, 0.22
HSL	14°, 75%, 45%
HSV	14°, 86%, 78%
XYZ	26.0362, 16.3775, 2.8875
YIQ	102.3210, 91.7870, 16.0670

# Conversions

## Conversions Part 2

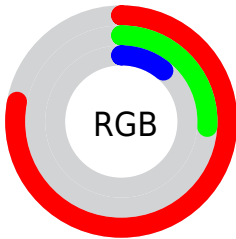
Format	Color
R <sub>Y</sub> B	200, 78, 28
Decimal	13124380
CIE Lab	47.47, 51.17, 49.78
CIE LCh	47, 71.387, 44.215
Yxy	16.3775, 0.5747, 0.3615
Android (android.graphics.Color)	4291314460 (0xFFC8431C)
YUV	102.3210, -36.6403, 85.6645
Hunter-Lab	40.4691, 44.0185, 24.0980

# Details

The Hex color **C8431C** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **1CA1C8**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF794D**, and **8A0000** is the 20% darker color. If you saturate the color by 10%, you get **C83408**, and if you desaturate by 10%, it is **C85230**.

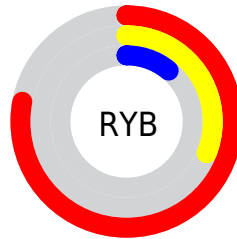
# Distribution



Red (78%)

Green (26%)

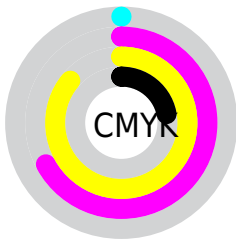
Blue (11%)



Red (78%)

Yellow (31%)

Blue (11%)

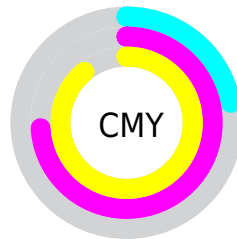


Cyan (0%)

Magenta (67%)

Yellow (86%)

Black (22%)



Cyan (22%)

Magenta (74%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C8431C 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 C8431C by changing the saturation by 10% instead.



 C8431C

 C8431C

FFFFFF

 A92601

 FF794D

 8A0000

 FF9566

 6B0000

 FFB17F

 4D0000

 FFCD9A

 320002

 FFEAB5

 000000

 FFFFD1

 FFFFED

 C8431C

 C8431C

 C83408

 C85230

 C82D00

 C86244

 C87158

 C8816C

 C89080

 C8A094

 C8AFA8

 C8BFBC

 C8CED0

# Harmonies

## Analogous

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



D82157



C8431C



A26200

# Triad

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



C8431C



00884D



006FE7

# Complementary

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



C8431C



1CA1C8

# 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.



0081E5



C8431C



008A8D

# Square

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



C8431C



1B8300



0089C4



9551C8

# Rectangle

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



C8431C



817100



0089C4



0076EA



# Sweetspot

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



C8431C



FFCCBD



C81CA3



806158



000000



808080



# Same Dimension

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



C8431C



FF3A00



C8971C



635C5A



A32500



240800

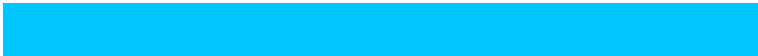


# Inverse Universe

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



1CA1C8



00C5FF



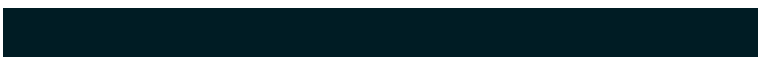
1C4DC8



5A6163



007EA3



001C24



# Previews

## White Background



This preview shows how the Hex color C8431C looks on a white background.

## Color Contrast Check

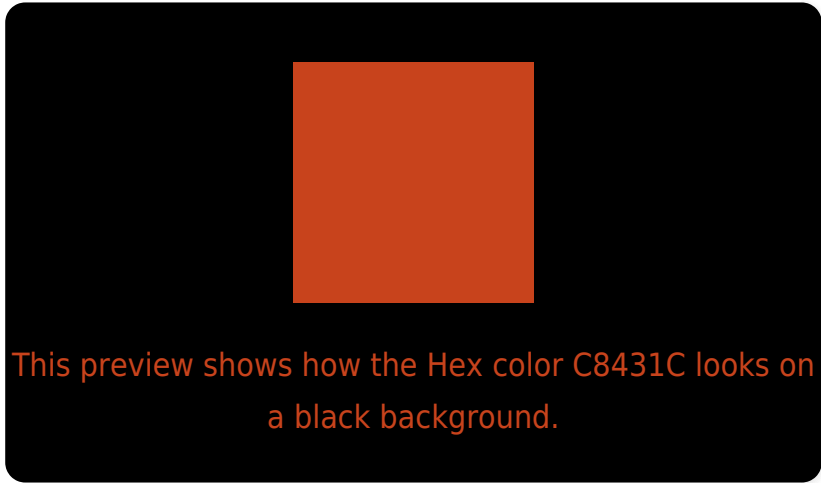
Large Text (above 18pt) WCAG AA ✓ Pass

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 C8431C Background



This preview shows how black text looks on a background with the Hex color C8431C.



This preview shows how white text looks on a background with the Hex color C8431C.

# 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**  
C8431C

**Protanopia**  
7F7228

**Tritanopia**  
C93F42

# Trichromacy



**Original Color**  
C8431C

**Protanomaly**  
9A6124

**Tritanomaly**  
C94034

# Monochromacy



**Original Color**  
C8431C

**Achromatopsia**  
666666

**Achromatomaly**  
8A594B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C8431C 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 #C8431C looks like.

```
.text, #text, p{  
    color:#C8431C  
}
```

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 #C8431C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8431C
}
```

## Border

The CSS property to change the border of an element to Hex C8431C is called "border". The border property can be set on classes, ids or directly on the HTML element.

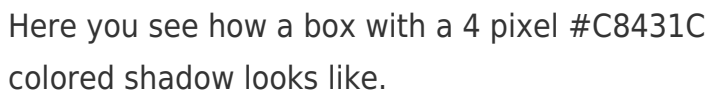
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C8431C }
```

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

```
.border{ border-color:#C8431C }
```

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



Here you see how a box with a 4 pixel `#C8431C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8431C; -webkit-box-shadow:4px 4px  
4px 4px #C8431C; box-shadow:4px 4px 4px  
4px #C8431C }
```

# Background

The CSS property to change the background color of an element to Hex C8431C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8431C }
```

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

```
.background{ background-color:#C8431C }
```

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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