

# Converting Colors

Hex(C7431B)

Have a look what the booklet for  
Hex(C7431B) contains.

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**Color**

**Hex(C7431B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7431B
RGB	199, 67, 27
RGB Percent	78%, 26%, 11%
CMY	0.2196, 0.7373, 0.8941
CMYK	0.00, 0.66, 0.86, 0.22
HSL	14°, 76%, 44%
HSV	14°, 86%, 78%
XYZ	25.7582, 16.2356, 2.8131
YIQ	101.9080, 91.5120, 15.5440

# Conversions

## Conversions Part 2

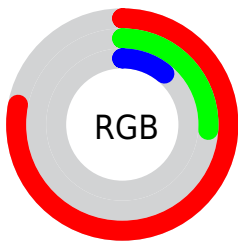
<b>Format</b>	<b>Color</b>
<b>RYB</b>	199, 79, 27
Decimal	13058843
CIELab	47.28, 50.80, 49.98
CIELCh	47, 71.265, 44.536
Yxy	16.2356, 0.5749, 0.3623
Android (android.graphics.Color)	4291248923 (0xFFC7431B)
YUV	101.9080, -36.9296, 85.1497
Hunter-Lab	40.2934, 43.5956, 24.0660

# Details

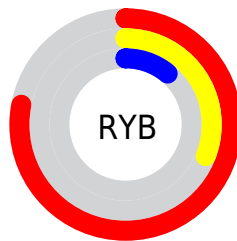
The Hex color **C7431B** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **1B9FC7**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF794C**, and **890000** is the 20% darker color. If you saturate the color by 10%, you get **C73407**, and if you desaturate by 10%, it is **C7522F**.

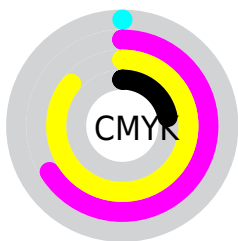
# Distribution



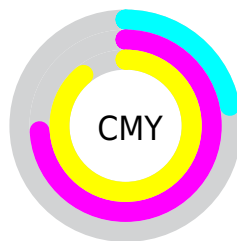
- Red (78%)
- Green (26%)
- Blue (11%)



- Red (78%)
- Yellow (31%)
- Blue (11%)



- Cyan (0%)
- Magenta (66%)
- Yellow (86%)
- Black (22%)



- Cyan (22%)
- Magenta (74%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7431B 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 C7431B by changing the saturation by 10% instead.



 C7431B

 C7431B

FFFFFF

 A82600

 FF794C

 890000

 FF9565

 6A0000

 FFB17E

 4C0000

 FFCD99

 310002

 FFEAB4

 000000

 FFFFD0

 FFFFED

 C7431B

 C7431B

 C73407

 C7522F

 C72E00

 C76243

 C77157

 C7806B

 C78F7E

 C79F92

 C7AEA6

 C7BDBA

 C7CCCE

# Harmonies

## Analogous

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



D72056



C7431B



A16200

# Triad

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



C7431B



00884E



006EE6

# Complementary

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



C7431B



1B9FC7

# 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.



0080E5



C7431B



008A8D

# Square

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



C7431B



198200



0088C4



9550C7

# Rectangle

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



C7431B



807100



0088C4



0075E9



# Sweetspot

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



C7431B



FFCCBD



C71BA2



806158



000000



808080



# Same Dimension

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



C7431B



FF3B00



C7961B



635C5A



A32600



240800



# Inverse Universe

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



1B9FC7



00C4FF



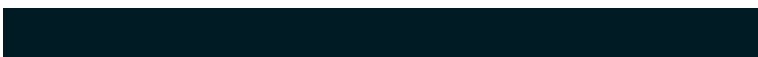
1B4CC7



5A6163



007DA3



001B24



# Previews

## White Background



This preview shows how the Hex color C7431B looks on a white background.

## Color Contrast Check

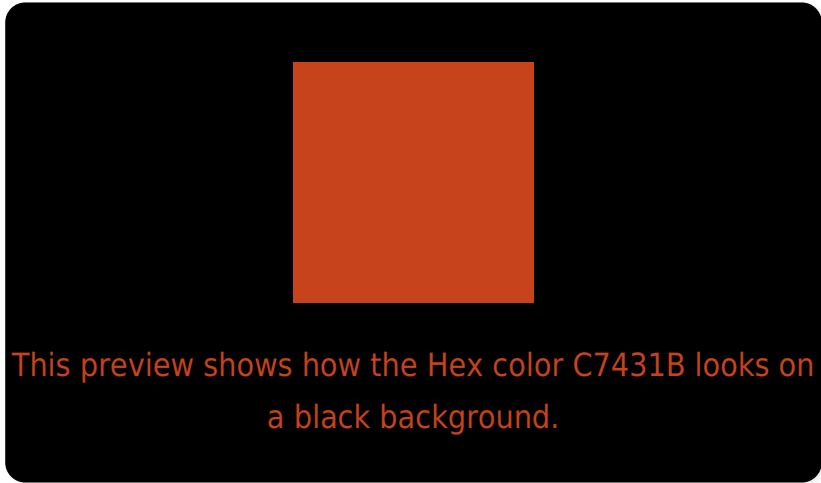
Large Text (above 18pt) WCAG AA ✓ Pass

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 C7431B Background



This preview shows how black text looks on a background with the Hex color C7431B.



This preview shows how white text looks on a background with the Hex color C7431B.

# 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**  
C7431B

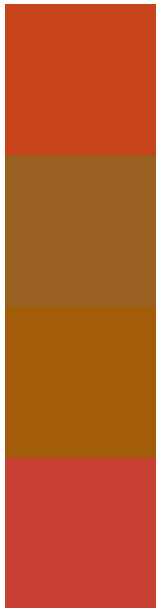
**Protanopia**  
7E7126

**Deuteranopia**  
8F6B00



**Tritanopia**  
C83F42

# Trichromacy



**Original Color**  
C7431B

**Protanomaly**  
996022

**Deuteranomaly**  
A35C0A

**Tritanomaly**  
C84034

# Monochromacy



**Original Color**  
C7431B

**Achromatopsia**  
666666

**Achromatomaly**  
89594B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7431B 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 #C7431B looks like.

```
.text, #text, p{  
    color:#C7431B  
}
```

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 #C7431B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7431B
}
```

## Border

The CSS property to change the border of an element to Hex C7431B 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
#C7431B }
```

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

```
.border{ border-color:#C7431B }
```

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

Here you see how a box with a 4 pixel #C7431B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7431B; -webkit-box-shadow:4px 4px  
4px 4px #C7431B; box-shadow:4px 4px 4px  
4px #C7431B }
```

# Background

The CSS property to change the background color of an element to Hex C7431B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7431B }
```

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

```
.background{ background-color:#C7431B }
```

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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