

# Converting Colors

Hex(C3591D)

Have a look what the booklet for  
Hex(C3591D) contains.

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# Color

**Hex(C3591D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C3591D
RGB	195, 89, 29
RGB Percent	76%, 35%, 11%
CMY	0.2353, 0.6510, 0.8863
CMYK	0.00, 0.54, 0.85, 0.24
HSL	22°, 74%, 44%
HSV	22°, 85%, 76%
XYZ	26.2998, 18.8356, 3.4119
YIQ	113.8540, 82.4360, 3.8120

# Conversions

## Conversions Part 2

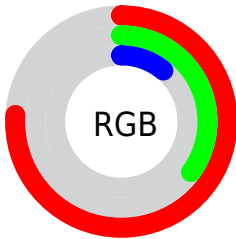
<b>Format</b>	<b>Color</b>
<b>RYB</b>	195, 123, 29
Decimal	12802333
CIELab	50.49, 39.20, 51.59
CIELCh	50, 64.798, 52.769
Yxy	18.8356, 0.5417, 0.3880
Android (android.graphics.Color)	4290992413 (0xFFC3591D)
YUV	113.8540, -41.8330, 71.1650
Hunter-Lab	43.4000, 32.2188, 25.7189

# Details

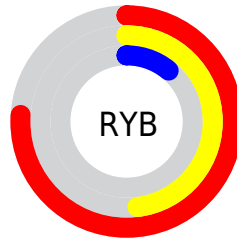
The Hex color **C3591D** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed red. A complement of this color would be **1D87C3**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF8D4F**, and **862600** is the 20% darker color. If you saturate the color by 10%, you get **C34D0A**, and if you desaturate by 10%, it is **C36531**.

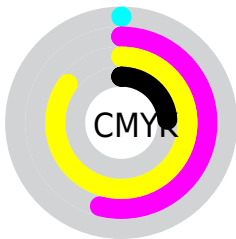
# Distribution



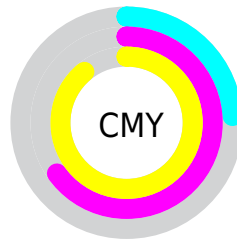
- Red (76%)
- Green (35%)
- Blue (11%)



- Red (76%)
- Yellow (48%)
- Blue (11%)



- Cyan (0%)
- Magenta (54%)
- Yellow (85%)
- Black (24%)



- Cyan (24%)
- Magenta (65%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3591D 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 C3591D by changing the saturation by 10% instead.



 C3591D

 C3591D

FFFFFF

 A44000

 FF8D4F

 862600

 FFA869

 680800

 FFC483

 4B0000

 FFE19D

 320002

 FFFFEB9

 000000

 FFFFFD5

 FFFFF2

 C3591D

 C3591D

 C34D0A

 C36531

 C34600

 C37244

 C37E58

 C38B6B

 C3977F

 C3A492

 C3B0A6

 C3BDB9

 C3C9CD

# Harmonies

## Analogous

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



D84051



C3591D



9C7100

# Triad

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



C3591D



009069



586FDF

# Complementary

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



C3591D



1D87C3

# 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.



0083E6



C3591D



0091A2

# Square

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



C3591D



048B2F



008DD0



AD54BC

# Rectangle

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



C3591D



7B7D00



008DD0



0177E5



# Sweetspot

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



C3591D



FCD3BB



C31D89



806658



000000



808080



# Same Dimension

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



C3591D



FC5B00



C3AA1D



615B57



A13A00



210C00

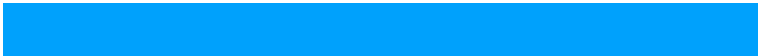


# Inverse Universe

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



1D87C3



00A1FC



1D36C3



575D61



0067A1



001521



# Previews

## White Background



This preview shows how the Hex color C3591D looks on a white background.

## Color Contrast Check

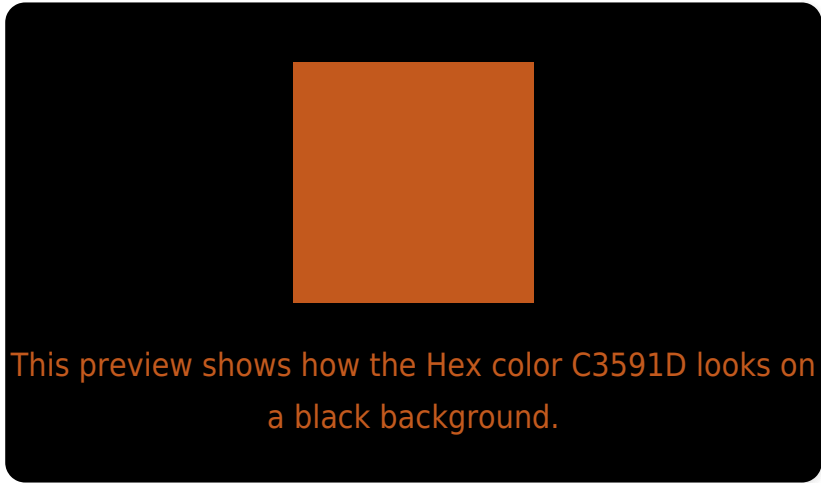
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

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



## Hex C3591D Background



This preview shows how black text looks on a background with the Hex color C3591D.



This preview shows how white text looks on a background with the Hex color C3591D.

# 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



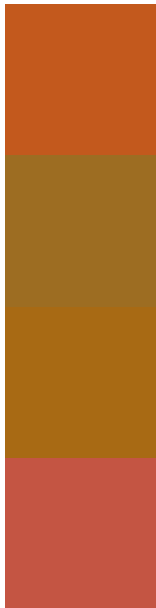
**Original Color**  
C3591D

**Protanopia**  
877925

**Deuteranopia**  
99730F



# Trichromacy



**Original Color**  
C3591D

**Protanomaly**  
9D6D22

**Deuteranomaly**  
A86A14

**Tritanomaly**  
C45543

# Monochromacy



**Original Color**  
C3591D

**Achromatopsia**  
727272

**Achromatomaly**  
8F6953

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3591D 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 #C3591D looks like.

```
.text, #text, p{  
    color:#C3591D  
}
```

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 #C3591D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3591D } }
```

## Border

The CSS property to change the border of an element to Hex C3591D 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 #C3591D } }
```

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

```
.border{ border-color:#C3591D }
```

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

Here you see how a box with a 4 pixel #C3591D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3591D; -webkit-box-shadow:4px 4px  
4px 4px #C3591D; box-shadow:4px 4px 4px  
4px #C3591D }
```

# Background

The CSS property to change the background color of an element to Hex C3591D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3591D }
```

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

```
.background{ background-color:#C3591D }
```

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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