

# Converting Colors

Hex(CC371F)

Have a look what the booklet for  
Hex(CC371F) contains.

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# Color

Hex(CC371F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC371F
RGB	204, 55, 31
RGB Percent	80%, 22%, 12%
CMY	0.2000, 0.7843, 0.8784
CMYK	0.00, 0.73, 0.85, 0.20
HSL	8°, 74%, 46%
HSV	8°, 85%, 80%
XYZ	26.5154, 15.6687, 2.9232
YIQ	96.8150, 96.5080, 24.1240

# Conversions

## Conversions Part 2

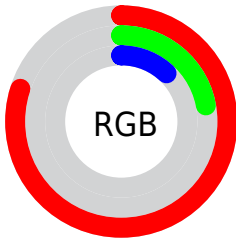
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 59, 31
Decimal	13383455
CIE <sub>Lab</sub>	46.54, 57.15, 47.94
CIE <sub>LCh</sub>	47, 74.592, 39.989
Yxy	15.6687, 0.5878, 0.3474
Android (android.graphics.Color)	4291573535 (0xFFCC371F)
YUV	96.8150, -32.4468, 94.0012
Hunter-Lab	39.5837, 50.2978, 23.3301

# Details

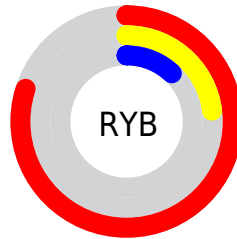
The Hex color **CC371F** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **1FB4CC**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF704F**, and **8D0000** is the 20% darker color. If you saturate the color by 10%, you get **CC250B**, and if you desaturate by 10%, it is **CC4933**.

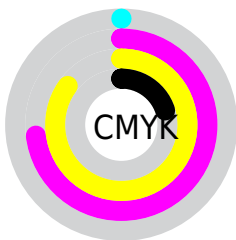
# Distribution



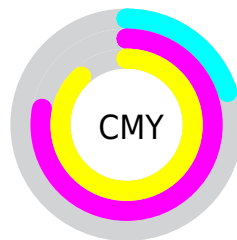
- Red (80%)
- Green (22%)
- Blue (12%)



- Red (80%)
- Yellow (23%)
- Blue (12%)



- Cyan (0%)
- Magenta (73%)
- Yellow (85%)
- Black (20%)



- Cyan (20%)
- Magenta (78%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC371F 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 CC371F by changing the saturation by 10% instead.



 CC371F

 CC371F

FFFFFF

 AC1306

 FF704F

 8D0000

 FF8C67

 6E0000

 FFA881

 500000

 FFC59B

 340002

 FFE2B7

 000000

 FFFFD2

 FFFFEE

 CC371F

 CC371F

■ CC250B

■ CC4933

■ CC1C00

■ CC5A48

■ CC6C5C

■ CC7D71

■ CC8F85

■ CCA099

■ CCB2AE

■ CCC4C2

■ CCD5D7

# Harmonies

## Analogous

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



D9055C



CC371F



A75B00

# Triad

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



CC371F



008640



0070EB

# Complementary

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



CC371F



1FB4CC

# 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



CC371F



008982

# Square

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



CC371F



258000



0088BE



8752D0

# Rectangle

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



CC371F



866C00



0088BE



0077ED



# Sweetspot

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



CC371F



FFC8BF



CC1FB5



805F59



000000



808080



# Same Dimension

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



CC371F



FF2300



CC8D1F



665D5C



A61700



260500

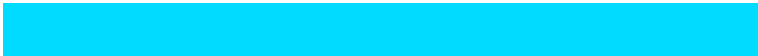


# Inverse Universe

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



1FB4CC



00DCFF



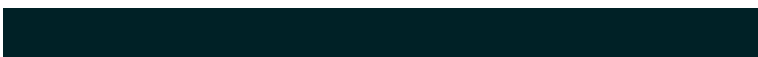
1F5ECC



5C6566



008FA6



002126



# Previews

## White Background



This preview shows how the Hex color CC371F looks on a white background.

## Color Contrast Check

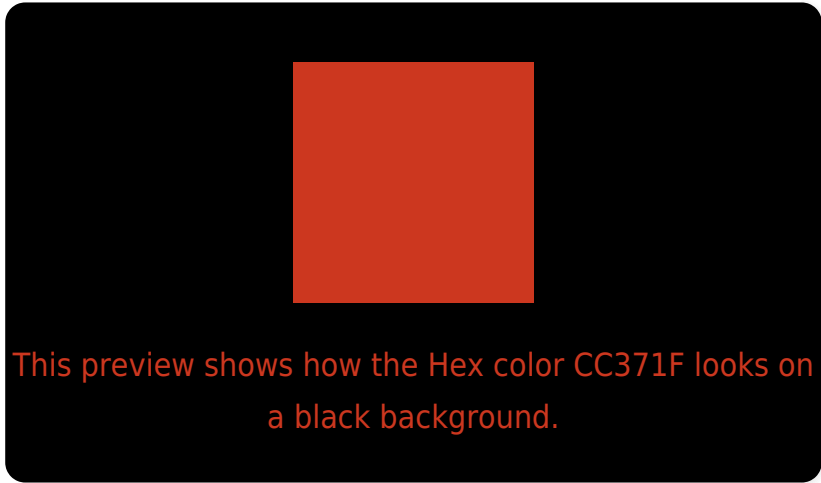
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC371F Background



This preview shows how black text looks on a background with the Hex color CC371F.

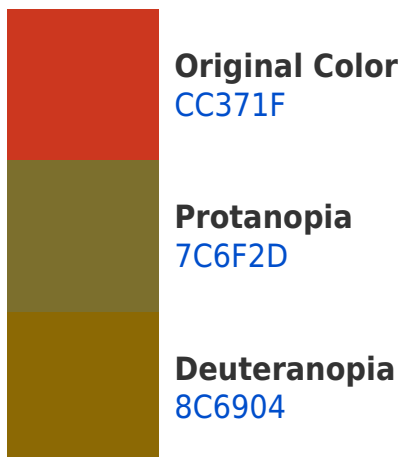


This preview shows how white text looks on a background with the Hex color CC371F.

# 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





# Trichromacy



**Original Color**  
CC371F

**Protanomaly**  
995B28

**Deuteranomaly**  
A3570E

**Tritanomaly**  
CD352E

# Monochromacy



**Original Color**  
CC371F

**Achromatopsia**  
616161

**Achromatomaly**  
885249

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC371F 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 #CC371F looks like.

```
.text, #text, p{  
    color:#CC371F  
}
```

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 #CC371F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC371F
}
```

## Border

The CSS property to change the border of an element to Hex CC371F is called "border". The border property can be set on classes, ids or directly on the HTML element.

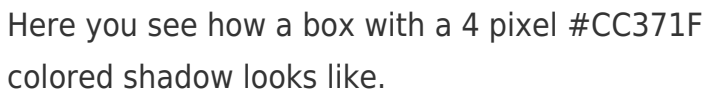
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CC371F }
```

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

```
.border{ border-color:#CC371F }
```

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



Here you see how a box with a 4 pixel `#CC371F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC371F; -webkit-box-shadow:4px 4px  
4px 4px #CC371F; box-shadow:4px 4px 4px  
4px #CC371F }
```

# Background

The CSS property to change the background color of an element to Hex CC371F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC371F }
```

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

```
.background{ background-color:#CC371F }
```

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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