

# Converting Colors

Hex(CB361F)

Have a look what the booklet for  
Hex(CB361F) contains.

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# Color

**Hex(CB361F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CB361F
RGB	203, 54, 31
RGB Percent	80%, 21%, 12%
CMY	0.2039, 0.7882, 0.8784
CMYK	0.00, 0.73, 0.85, 0.20
HSL	8°, 74%, 46%
HSV	8°, 85%, 80%
XYZ	26.1951, 15.4338, 2.8947
YIQ	95.9290, 96.1870, 24.4350

# Conversions

## Conversions Part 2

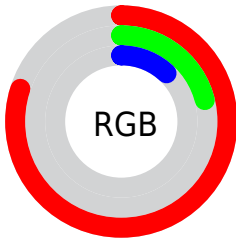
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 58, 31
Decimal	13317663
CIE <sub>Lab</sub>	46.22, 57.18, 47.59
CIE <sub>LCh</sub>	46, 74.395, 39.768
Yxy	15.4338, 0.5883, 0.3466
Android (android.graphics.Color)	4291507743 (0xFFCB361F)
YUV	95.9290, -32.0100, 93.9013
Hunter-Lab	39.2858, 50.2704, 23.1314

# Details

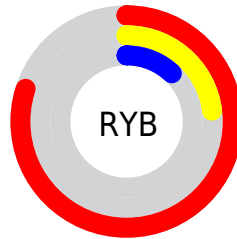
The Hex color **CB361F** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **1FB4CB**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **FF6F4E**, and **8C0000** is the 20% darker color. If you saturate the color by 10%, you get **CB240B**, and if you desaturate by 10%, it is **CB4833**.

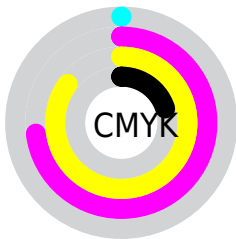
# Distribution



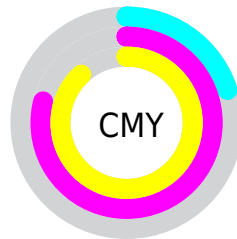
- Red (80%)
- Green (21%)
- Blue (12%)



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



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



- Cyan (20%)
- Magenta (79%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB361F 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 CB361F by changing the saturation by 10% instead.



 CB361F

 CB361F

FFFFFF

 AB1206

 FF6F4E

 8C0000

 FF8B67

 6D0000

 FFA781

 4F0000

 FFC49B

 330002

 FFE1B6

 000000

 FFFED2

 FFFFEE

 CB361F

 CB361F

 CB240B

 CB4833

 CB1B00

 CB5948

 CB6B5C

 CB7C70

 CB8E84

 CBA099

 CBB1AD

 CBC3C1

 CBD4D6

# Harmonies

## Analogous

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



D8035C



CB361F



A75A00

# Triad

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



CB361F



00853F



006FEA

# Complementary

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



CB361F



1FB4CB

# 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.



0080E4



CB361F



008881

# Square

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



CB361F



257F00



0087BD



8651CF

# Rectangle

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



CB361F



866B00



0087BD



0076EC



# Sweetspot

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



CB361F



FFC8BF



CB1FB4



805E59



000000



808080



# Same Dimension

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



CB361F



FF2200



CB8C1F



665D5C



A61600



260500

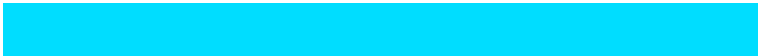


# Inverse Universe

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



1FB4CB



00DDFF



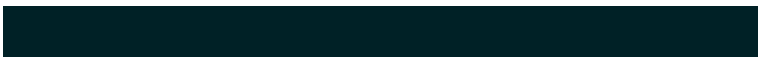
1F5ECB



5C6566



0090A6



002126



# Previews

## White Background



This preview shows how the Hex color CB361F looks on a white background.

## Color Contrast Check

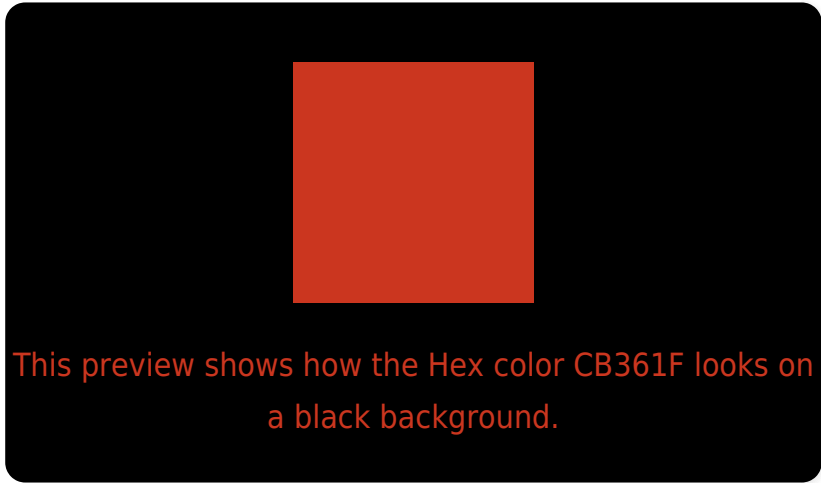
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB361F Background



This preview shows how black text looks on a background with the Hex color CB361F.



This preview shows how white text looks on a background with the Hex color CB361F.

# 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



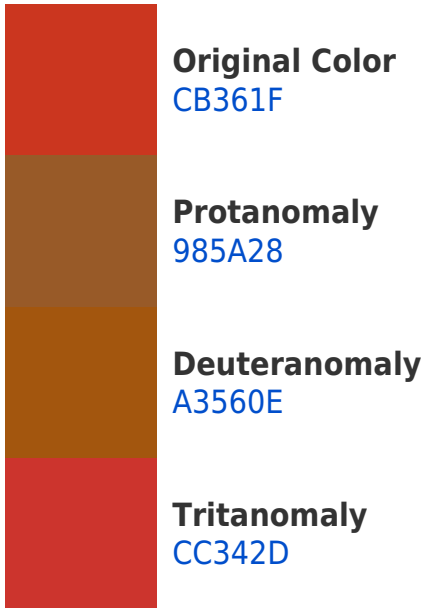
**Original Color**  
CB361F

**Protanopia**  
7B6E2D

**Deuteranopia**  
8C6905



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB361F 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 #CB361F looks like.

```
.text, #text, p{  
    color:#CB361F  
}
```

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 #CB361F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB361F
}
```

## Border

The CSS property to change the border of an element to Hex CB361F is called "border". The border property can be set on classes, ids or directly on the HTML element.

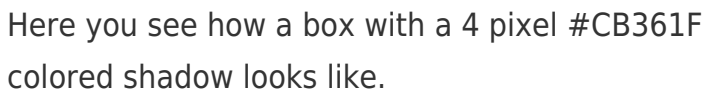
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CB361F }
```

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

```
.border{ border-color:#CB361F }
```

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



Here you see how a box with a 4 pixel `#CB361F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB361F; -webkit-box-shadow:4px 4px  
4px 4px #CB361F; box-shadow:4px 4px 4px  
4px #CB361F }
```

# Background

The CSS property to change the background color of an element to Hex CB361F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB361F }
```

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

```
.background{ background-color:#CB361F }
```

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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