

# Converting Colors

Hex(571C0C)

Have a look what the booklet for  
Hex(571C0C) contains.

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**Color**

**Hex(571C0C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	571C0C
RGB	87, 28, 12
RGB Percent	34%, 11%, 5%
CMY	0.6588, 0.8902, 0.9529
CMYK	0.00, 0.68, 0.86, 0.66
HSL	13°, 76%, 19%
HSV	13°, 86%, 34%
XYZ	4.4121, 2.8833, 0.6718
YIQ	43.8170, 40.3000, 7.5320

# Conversions

## Conversions Part 2

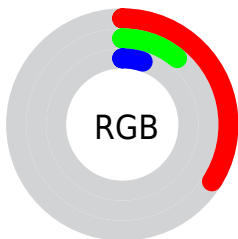
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 32, 12
Decimal	5708812
CIE <sub>Lab</sub>	19.57, 26.38, 24.13
CIE <sub>LCh</sub>	20, 35.750, 42.457
Yxy	2.8833, 0.5538, 0.3619
Android (android.graphics.Color)	4283898892 (0xFF571C0C)
YUV	43.8170, -15.6858, 37.8715
Hunter-Lab	16.9802, 16.6654, 9.5404

# Details

The Hex color **571C0C** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0C4757**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **8E4B37**, and **260001** is the 20% darker color. If you saturate the color by 10%, you get **571503**, and if you desaturate by 10%, it is **572315**.

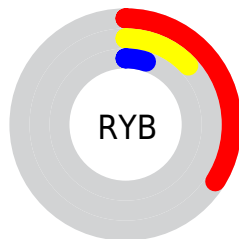
# Distribution



Red (34%)

Green (11%)

Blue (5%)



Red (34%)

Yellow (13%)

Blue (5%)

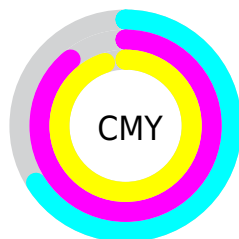


Cyan (0%)

Magenta (68%)

Yellow (86%)

Black (66%)



Cyan (66%)

Magenta (89%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 571C0C 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 571C0C by changing the saturation by 10% instead.



 571C0C

 571C0C

 FFFFEC

 3D0400

 8E4B37

 260001

 AA634E

 000000

 C77D66

 E49780

 FFB29A

 FFCEB5

 FFEAD0

 571C0C

 571C0C

■ 571503

■ 572315

■ 571300

■ 572A1D

■ 573126

■ 57372F

■ 573E37

■ 574540

■ 574C49

■ 575352

■ 575A5A

# Harmonies

## Analogous

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



5D1126



571C0C



482800

# Triad

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



571C0C



003A1F



002F63

# Complementary

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



571C0C



0C4757

# 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.



003761



571C0C



003B3A

# Square

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



571C0C



123702



003A52



3E2356

# Rectangle

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



571C0C



3A2F00



003A52



003264



# Sweetspot

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



571C0C



705953



570C48



382A27



B8B8B8



383838



# Same Dimension

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



571C0C



701800



57410C



2B2827



6B1700



EB3200



# Inverse Universe

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



0C4757



005870



0C2257



272A2B



00546B

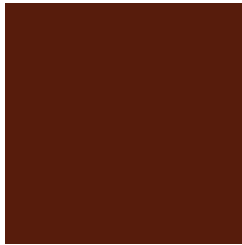


00B9EB



# Previews

## White Background



This preview shows how the Hex color 571C0C 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 ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

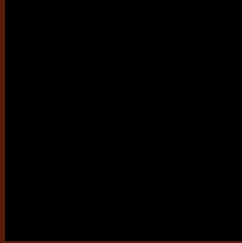
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 571C0C Background



This preview shows how black text looks on a background with the Hex color 571C0C.



This preview shows how white text looks on a background with the Hex color 571C0C.

# 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**  
571C0C

**Protanopia**  
373111

**Deuteranopia**  
3E2E00



**Tritanopia**  
571A1C

# Trichromacy



**Original Color**  
571C0C

**Protanomaly**  
43290F

**Deuteranomaly**  
472704

**Tritanomaly**  
571B16

# Monochromacy



**Original Color**  
571C0C

**Achromatopsia**  
2C2C2C

**Achromatomaly**  
3C2620

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 571C0C 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 #571C0C looks like.

```
.text, #text, p{  
    color:#571C0C  
}
```

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 #571C0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #571C0C }  
}
```

## Border

The CSS property to change the border of an element to Hex 571C0C is called "border". The border property can be set on classes, ids or directly on the HTML element.

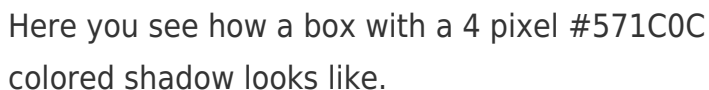
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #571C0C }  
}
```

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

```
.border{ border-color:#571C0C }
```

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



Here you see how a box with a 4 pixel #571C0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #571C0C; -webkit-box-shadow:4px 4px  
4px 4px #571C0C; box-shadow:4px 4px 4px  
4px #571C0C }
```

# Background

The CSS property to change the background color of an element to Hex 571C0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#571C0C }
```

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

```
.background{ background-color:#571C0C }
```

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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