

Converting Colors

Hex(5A311C)

Have a look what the booklet for
Hex(5A311C) contains.

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Color

Hex(5A311C)

Conversions

Conversions Part 1

Format	Color
Hex	5A311C
RGB	90, 49, 28
RGB Percent	35%, 19%, 11%
CMY	0.6471, 0.8078, 0.8902
CMYK	0.00, 0.46, 0.69, 0.65
HSL	20°, 53%, 23%
HSV	20°, 69%, 35%
XYZ	5.5244, 4.4541, 1.6672
YIQ	58.8650, 31.1770, 2.1610

Conversions

Conversions Part 2

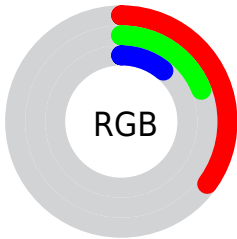
Format	Color
RYB	90, 60, 28
Decimal	5910812
CIELab	25.12, 16.44, 21.23
CIElCh	25, 26.854, 52.246
Yxy	4.4541, 0.4744, 0.3825
Android (android.graphics.Color)	4284100892 (0xFF5A311C)
YUV	58.8650, -15.2164, 27.3054
Hunter-Lab	21.1048, 9.7905, 10.0897




Details

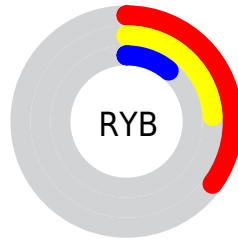
The Hex color **5A311C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1C455A**, and the grayscale version is **3B3B3B**.




A 20% lighter version of the original color is **8F6048**, and **290500** is the 20% darker color. If you saturate the color by 10%, you get **5A2B13**, and if you desaturate by 10%, it is **5A3725**.

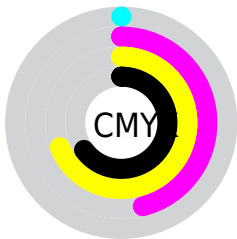
Distribution







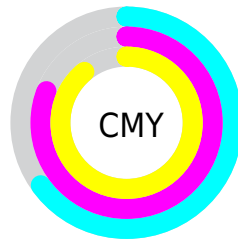
-  Red (35%)
-  Green (19%)
-  Blue (11%)






-  Red (35%)
-  Yellow (24%)
-  Blue (11%)



-  Cyan (0%)
-  Magenta (46%)
-  Yellow (69%)
-  Black (65%)



-  Cyan (65%)
-  Magenta (81%)
-  Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A311C 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 5A311C by changing the saturation by 10% instead.

 5A311C

 5A311C

FFFFFF

 411B04

 8F6048

 290500

 AB7960

 000000

 C79279

 E4AD93

 FFC9AD

 FFE5C9

 FFFFE5

 5A311C

 5A311C

■ 5A2B13

■ 5A3725

■ 5A250A

■ 5A3D2E

■ 5A1F01

■ 5A4337

■ 5A1E00

■ 5A4940

■ 5A4F49

■ 5A5552

■ 5A5B5B

■ 5A6164

■ 5A676D

Harmonies

Analogous

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



612B2D



5A311C



4C3912

Triad

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



5A311C



004535



343861

Complementary

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



5A311C



1C455A

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.



003F64



5A311C



00464A

Square

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



5A311C



204322



00445B



4F3055

Rectangle

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



5A311C



3F3D12



00445B



273B63

Sweetspot

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



5A311C



75655D



5A1C45



3B312C



BABABA



3B3B3B

Same Dimension

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



5A311C



753514



5A501C



2E2B29



6E2500



ED5000

Inverse Universe

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



1C455A



145475



1C265A



292C2E



00496E



009DED

Previews

White Background



This preview shows how the Hex color 5A311C looks on a white background.

Color Contrast Check

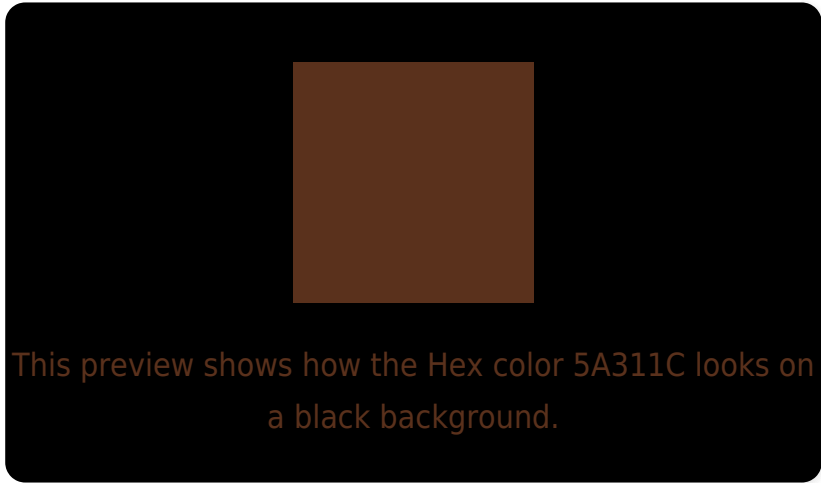
Large Text (above 18pt) WCAG AA ✓ Pass

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

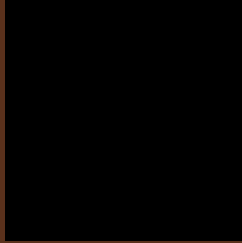
Any Text WCAG AA × Fail

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 5A311C Background



This preview shows how black text looks on a background with the Hex color 5A311C.

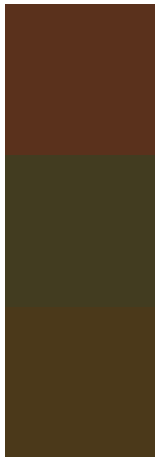


This preview shows how white text looks on a background with the Hex color 5A311C.

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
5A311C

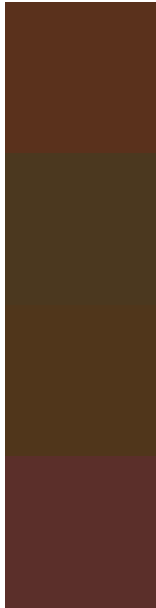
Protanopia
423C20

Deuteranopia
4B391A



Tritanopia
5B2E32

Trichromacy



Original Color
5A311C

Protanomaly
4B381F

Deuteranomaly
50361B

Tritanomaly
5B2F2A

Monochromacy



Original Color
5A311C

Achromatopsia
3B3B3B

Achromatomaly
463730

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A311C 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 #5A311C looks like.

```
.text, #text, p{  
    color:#5A311C  
}
```

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 #5A311C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A311C
}
```

Border

The CSS property to change the border of an element to Hex 5A311C is called "border". The border property can be set on classes, ids or directly on the HTML element.

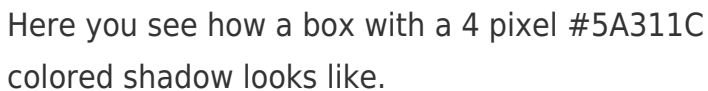
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A311C }
```

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

```
.border{ border-color:#5A311C }
```

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



Here you see how a box with a 4 pixel #5A311C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A311C; -webkit-box-shadow:4px 4px  
4px 4px #5A311C; box-shadow:4px 4px 4px  
4px #5A311C }
```

Background

The CSS property to change the background color of an element to Hex 5A311C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A311C }
```

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

```
.background{ background-color:#5A311C }
```

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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