

Converting Colors

Hex(5A1C0C)

Have a look what the booklet for
Hex(5A1C0C) contains.

Hex(5A1C0C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5A1C0C)

Conversions

Conversions Part 1

Format	Color
Hex	5A1C0C
RGB	90, 28, 12
RGB Percent	35%, 11%, 5%
CMY	0.6471, 0.8902, 0.9529
CMYK	0.00, 0.69, 0.87, 0.65
HSL	12°, 76%, 20%
HSV	12°, 87%, 35%
XYZ	4.6981, 3.0307, 0.6852
YIQ	44.7140, 42.0880, 8.1680

Conversions

Conversions Part 2

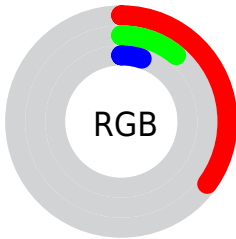
Format	Color
RYB	90, 32, 12
Decimal	5905420
CIELab	20.17, 27.61, 24.97
CIElCh	20, 37.224, 42.127
Yxy	3.0307, 0.5584, 0.3602
Android (android.graphics.Color)	4284095500 (0xFF5A1C0C)
YUV	44.7140, -16.1280, 39.7158
Hunter-Lab	17.4089, 17.7053, 9.8527

Details

The Hex color **5A1C0C** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0C4A5A**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **914B37**, and **290001** is the 20% darker color. If you saturate the color by 10%, you get **5A1503**, and if you desaturate by 10%, it is **5A2315**.

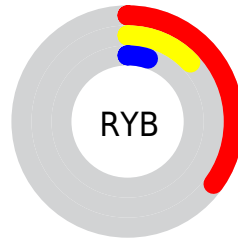
Distribution



Red (35%)

Green (11%)

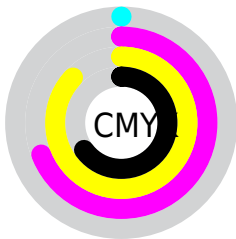
Blue (5%)



Red (35%)

Yellow (13%)

Blue (5%)

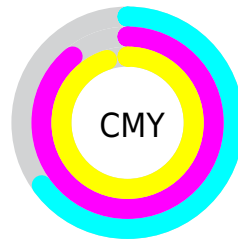


Cyan (0%)

Magenta (69%)

Yellow (87%)

Black (65%)



Cyan (65%)

Magenta (89%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A1C0C 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 5A1C0C by changing the saturation by 10% instead.

 5A1C0C

 5A1C0C

 FFFFED

 400400

 914B37

 290001

 AE644E

 000000

 CB7D67

 E89780

 FFB29A

 FFCEB5

 FFEBD0

 5A1C0C

 5A1C0C

■ 5A1503

■ 5A2315

■ 5A1200

■ 5A2A1E

■ 5A3127

■ 5A3930

■ 5A4039

■ 5A4742

■ 5A4E4B

■ 5A5554

■ 5A5C5D

Harmonies

Analogous

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



601027



5A1C0C



4A2900

Triad

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



5A1C0C



003C1F



003066

Complementary

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



5A1C0C



0C4A5A

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.



003865



5A1C0C



003D3B

Square

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



5A1C0C



123900



003C55



3F245A

Rectangle

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



5A1C0C



3B3000



003C55



003468

Sweetspot

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



5A1C0C



755D57



5A0C4A



3B2C28



BABABA



3B3B3B

Same Dimension

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



5A1C0C



751800



5A430C



2E2A29



6E1600



ED3100

Inverse Universe

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



0C4A5A



005D75



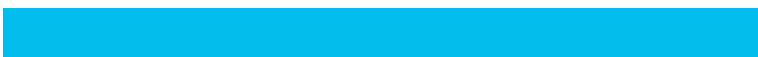
0C235A



292D2E



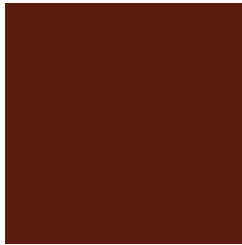
00576E



00BDED

Previews

White Background



This preview shows how the Hex color 5A1C0C looks on a white background.

Color Contrast Check

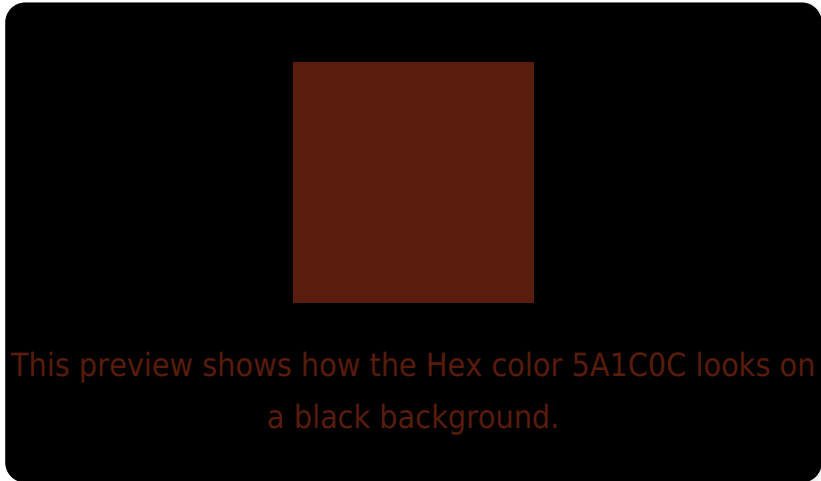
Large Text (above 18pt) WCAG AA ✓ Pass

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

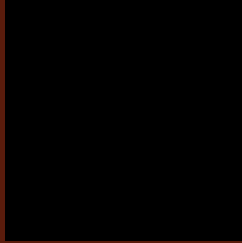
Any Text WCAG AA × Fail

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 5A1C0C Background



This preview shows how black text looks on a background with the Hex color 5A1C0C.

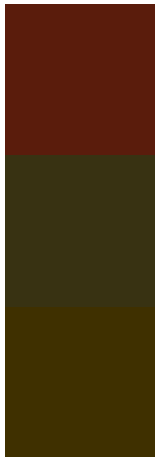


This preview shows how white text looks on a background with the Hex color 5A1C0C.

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
5A1C0C

Protanopia
383212

Deuteranopia
3F3000

Trichromacy



Original Color
5A1C0C

Protanomaly
442A10

Deuteranomaly
492904

Tritanomaly
5A1B16

Monochromacy



Original Color
5A1C0C

Achromatopsia
2D2D2D

Achromatomaly
3D2721

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A1C0C 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 #5A1C0C looks like.

```
.text, #text, p{  
    color:#5A1C0C  
}
```

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 #5A1C0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A1C0C
}
```

Border

The CSS property to change the border of an element to Hex 5A1C0C 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".

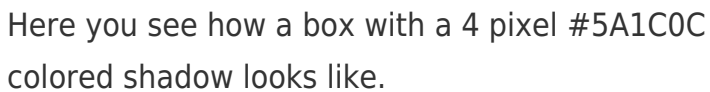
```
.border, #border, table{ border:4px solid
#5A1C0C }
```

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

```
.border{ border-color:#5A1C0C }
```

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

Here you see how a box with a 4 pixel #5A1C0C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A1C0C; -webkit-box-shadow:4px 4px  
4px 4px #5A1C0C; box-shadow:4px 4px 4px  
4px #5A1C0C }
```

Background

The CSS property to change the background color of an element to Hex 5A1C0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A1C0C }
```

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

```
.background{ background-color:#5A1C0C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor