

Converting Colors

Hex(5A150B)

Have a look what the booklet for
Hex(5A150B) contains.

Hex(5A150B)	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(5A150B)

Conversions

Conversions Part 1

Format	Color
Hex	5A150B
RGB	90, 21, 11
RGB Percent	35%, 8%, 4%
CMY	0.6471, 0.9176, 0.9569
CMYK	0.00, 0.77, 0.88, 0.65
HSL	8°, 78%, 20%
HSV	8°, 88%, 35%
XYZ	4.5450, 2.7342, 0.6048
YIQ	40.4910, 44.3340, 11.5180

Conversions

Conversions Part 2

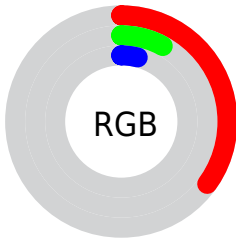
Format	Color
RYB	90, 22, 11
Decimal	5903627
CIELab	18.95, 30.85, 24.01
CIELCh	19, 39.098, 37.896
Yxy	2.7342, 0.5765, 0.3468
Android (android.graphics.Color)	4284093707 (0xFF5A150B)
YUV	40.4910, -14.5391, 43.4194
Hunter-Lab	16.5353, 20.1272, 9.4061

Details

The Hex color **5A150B** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0B505A**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **924536**, and **280001** is the 20% darker color. If you saturate the color by 10%, you get **5A0D02**, and if you desaturate by 10%, it is **5A1D14**.

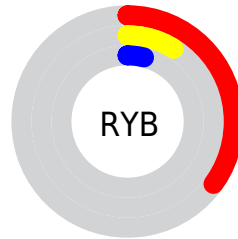
Distribution



Red (35%)

Green (8%)

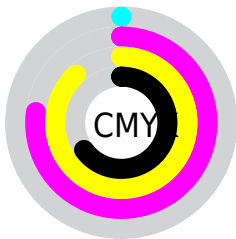
Blue (4%)



Red (35%)

Yellow (9%)

Blue (4%)

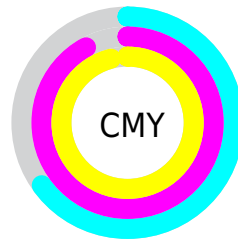


Cyan (0%)

Magenta (77%)

Yellow (88%)

Black (65%)



Cyan (65%)

Magenta (92%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A150B 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 5A150B by changing the saturation by 10% instead.

 5A150B

 5A150B

 FFFFEB

 3F0000

 924536

 280001

 AE5E4D

 000000

 CB7765

 E9927F

 FFAD99

 FFC8B3

 FFE5CF

 5A150B

 5A150B

■ 5A0D02

■ 5A1D14

■ 5A0B00

■ 5A251D

■ 5A2D26

■ 5A342F

■ 5A3C38

■ 5A4441

■ 5A4C4A

■ 5A5453

■ 5A5C5C

Harmonies

Analogous

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



5F0728



5A150B



4A2400

Triad

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



5A150B



003917



002F67

Complementary

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



5A150B



0B505A

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.



003763



5A150B



003A35

Square

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



5A150B



153600



003A50



37225B

Rectangle

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



5A150B



3C2C00



003A50



003267

Sweetspot

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



5A150B



755B57



5A0B51



3B2B28



BABABA



3B3B3B

Same Dimension

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



5A150B



750F00



5A3C0B



2E2A29



6E0E00



ED1E00

Inverse Universe

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



0B505A



006675



0B295A



292D2E



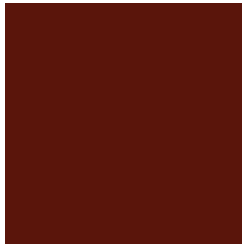
00606E



00CFED

Previews

White Background



This preview shows how the Hex color 5A150B 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 5A150B Background



This preview shows how black text looks on a background with the Hex color 5A150B.

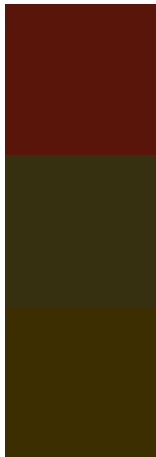


This preview shows how white text looks on a background with the Hex color 5A150B.

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
5A150B

Protanopia
363011

Deuteranopia
3D2E00



Tritanopia
5A1414

Trichromacy



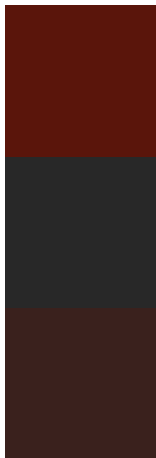
Original Color
5A150B

Protanomaly
43260F

Deuteranomaly
482504

Tritanomaly
5A1411

Monochromacy



Original Color
5A150B

Achromatopsia
282828

Achromatomaly
3A211D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A150B 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 #5A150B looks like.

```
.text, #text, p{  
    color:#5A150B  
}
```

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 #5A150B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A150B
}
```

Border

The CSS property to change the border of an element to Hex 5A150B 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".

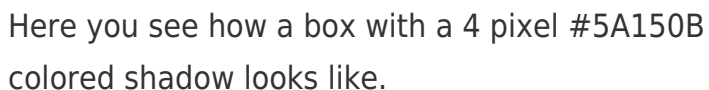
```
.border, #border, table{ border:4px solid
#5A150B }
```

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

```
.border{ border-color:#5A150B }
```

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

Here you see how a box with a 4 pixel #5A150B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A150B; -webkit-box-shadow:4px 4px  
4px 4px #5A150B; box-shadow:4px 4px 4px  
4px #5A150B }
```

Background

The CSS property to change the background color of an element to Hex 5A150B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A150B }
```

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

```
.background{ background-color:#5A150B }
```

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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