

Converting Colors

Hex(5B130C)

Have a look what the booklet for
Hex(5B130C) contains.

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Color

Hex(5B130C)

Conversions

Conversions Part 1

Format	Color
Hex	5B130C
RGB	91, 19, 12
RGB Percent	36%, 7%, 5%
CMY	0.6431, 0.9255, 0.9529
CMYK	0.00, 0.79, 0.87, 0.64
HSL	5°, 77%, 20%
HSV	5°, 87%, 36%
XYZ	4.6136, 2.7164, 0.6290
YIQ	39.7300, 45.1590, 13.0870

Conversions

Conversions Part 2

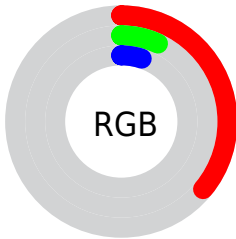
Format	Color
RYB	91, 20, 12
Decimal	5968652
CIELab	18.87, 32.09, 23.54
CIELCh	19, 39.796, 36.263
Yxy	2.7164, 0.5797, 0.3413
Android (android.graphics.Color)	4284158732 (0xFF5B130C)
YUV	39.7300, -13.6709, 44.9638
Hunter-Lab	16.4816, 21.1238, 9.2745

Details

The Hex color **5B130C** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0C545B**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **934437**, and **280001** is the 20% darker color. If you saturate the color by 10%, you get **5B0B03**, and if you desaturate by 10%, it is **5B1B15**.

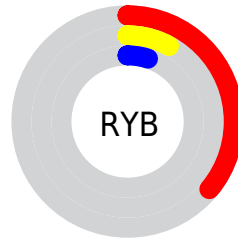
Distribution



Red (36%)

Green (7%)

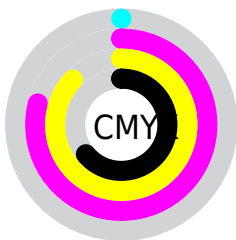
Blue (5%)



Red (36%)

Yellow (8%)

Blue (5%)

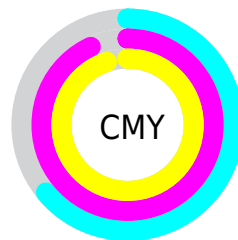


Cyan (0%)

Magenta (79%)

Yellow (87%)

Black (64%)



Cyan (64%)

Magenta (93%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B130C 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 5B130C by changing the saturation by 10% instead.

 5B130C

 5B130C

 FFFFEC

 400000

 934437

 280001

 AF5D4E

 000000

 CD7666

 EA907F

 FFAB99

 FFC7B4

 FFE3D0

 5B130C

 5B130C

■ 5B0B03

■ 5B1B15

■ 5B0800

■ 5B241E

■ 5B2C27

■ 5B3430

■ 5B3C3A

■ 5B4543

■ 5B4D4C

■ 5B5555

■ 5B5E5E

Harmonies

Analogous

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



5F0529



5B130C



4C2300

Triad

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



5B130C



003915



003068

Complementary

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



5B130C



0C545B

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



5B130C



003A33

Square

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



5B130C



163500



003A50



34235D

Rectangle

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



5B130C



3D2B00



003A50



003368

Sweetspot

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



5B130C



755A57



5B0C54



3B2A28



BABABA



3B3B3B

Same Dimension

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



5B130C



750A00



5B3A0C



2E2A29



6E0A00



ED1500

Inverse Universe

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



0C545B



006B75



0C2D5B



292D2E



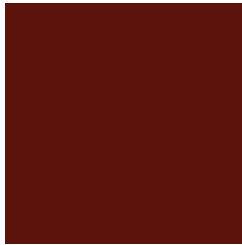
00646E



00D8ED

Previews

White Background



This preview shows how the Hex color 5B130C looks on a white background.

Color Contrast Check

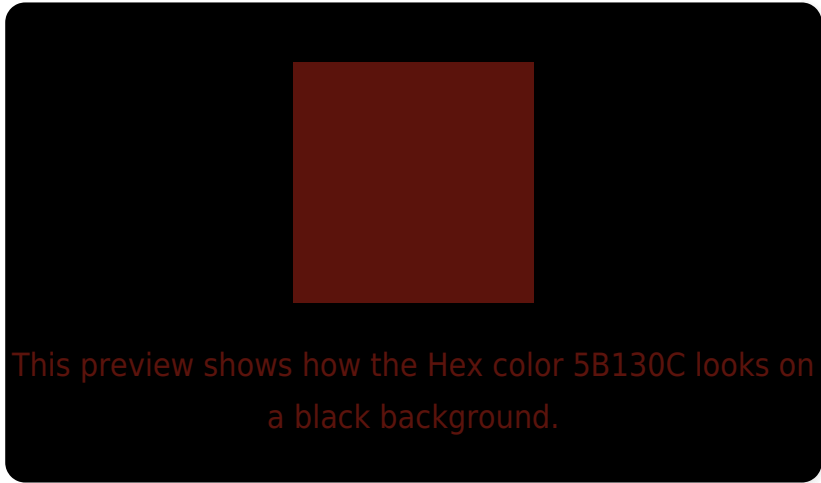
Large Text (above 18pt) WCAG AA ✓ Pass

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

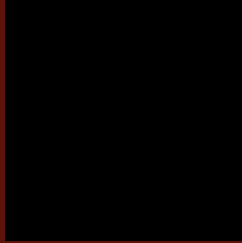
Any Text WCAG AA × Fail

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 5B130C Background



This preview shows how black text looks on a background with the Hex color 5B130C.

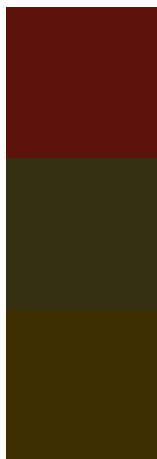


This preview shows how white text looks on a background with the Hex color 5B130C.

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
5B130C

Protanopia
363013

Deuteranopia
3D2E00

Trichromacy



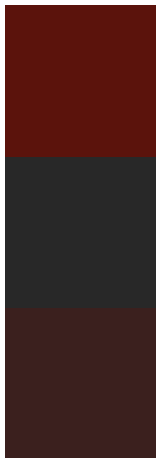
Original Color
5B130C

Protanomaly
432510

Deuteranomaly
482404

Tritanomaly
5B1210

Monochromacy



Original Color
5B130C

Achromatopsia
282828

Achromatomaly
3B201E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B130C 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 #5B130C looks like.

```
.text, #text, p{  
    color:#5B130C  
}
```

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 #5B130C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B130C }  
}
```

Border

The CSS property to change the border of an element to Hex 5B130C is called "border". The border property can be set on classes, ids or directly on the HTML element.

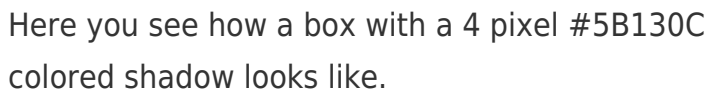
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #5B130C }  
}
```

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

```
.border{ border-color:#5B130C }
```

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



Here you see how a box with a 4 pixel #5B130C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B130C; -webkit-box-shadow:4px 4px  
4px 4px #5B130C; box-shadow:4px 4px 4px  
4px #5B130C }
```

Background

The CSS property to change the background color of an element to Hex 5B130C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B130C }
```

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

```
.background{ background-color:#5B130C }
```

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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