

Converting Colors

Hex(5D150B)

Have a look what the booklet for
Hex(5D150B) contains.

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Color

Hex(5D150B)

Conversions

Conversions Part 1

Format	Color
Hex	5D150B
RGB	93, 21, 11
RGB Percent	36%, 8%, 4%
CMY	0.6353, 0.9176, 0.9569
CMYK	0.00, 0.77, 0.88, 0.64
HSL	7°, 79%, 20%
HSV	7°, 88%, 36%
XYZ	4.8428, 2.8876, 0.6187
YIQ	41.3880, 46.1220, 12.1540

Conversions

Conversions Part 2

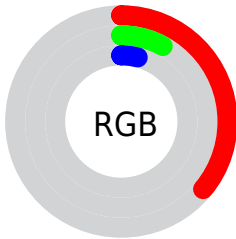
Format	Color
RYB	93, 22, 11
Decimal	6100235
CIELab	19.59, 31.97, 24.92
CIElCh	20, 40.533, 37.943
Yxy	2.8876, 0.5800, 0.3459
Android (android.graphics.Color)	4284290315 (0xFF5D150B)
YUV	41.3880, -14.9813, 45.2637
Hunter-Lab	16.9931, 21.1319, 9.7363

Details

The Hex color **5D150B** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0B535D**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **954636**, and **2B0001** is the 20% darker color. If you saturate the color by 10%, you get **5D0D02**, and if you desaturate by 10%, it is **5D1D14**.

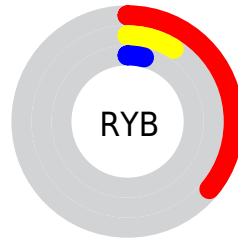
Distribution



Red (36%)

Green (8%)

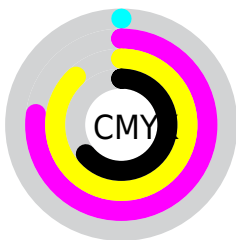
Blue (4%)



Red (36%)

Yellow (9%)

Blue (4%)

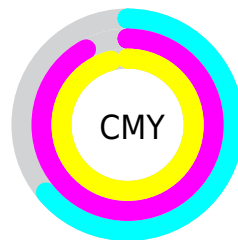


Cyan (0%)

Magenta (77%)

Yellow (88%)

Black (64%)



Cyan (64%)

Magenta (92%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D150B 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 5D150B by changing the saturation by 10% instead.

 5D150B

 5D150B

 FFFFEB

 420000

 954636

 2B0001

 B25F4D

 000000

 CF7865

 ED927F

 FFAD99

 FFC9B3

 FFE6CF

 5D150B

 5D150B

■ 5D0D02

■ 5D1D14

■ 5D0B00

■ 5D251E

■ 5D2D27

■ 5D3630

■ 5D3E3A

■ 5D4643

■ 5D4E4C

■ 5D5655

■ 5D5E5F

Harmonies

Analogous

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



620629



5D150B



4D2500

Triad

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



5D150B



003B18



00316B

Complementary

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



5D150B



0B535D

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.



003867



5D150B



003C37

Square

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



5D150B



143700



003C53



38235F

Rectangle

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



5D150B



3D2E00



003C53



00346B

Sweetspot

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



5D150B



785C59



5D0B53



3D2D2A



BDBDBD



3D3D3D

Same Dimension

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



5D150B



780F00



5D3E0B



2E2A29



6E0D00



ED1D00

Inverse Universe

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



0B535D



006978



0B2A5D



292D2E



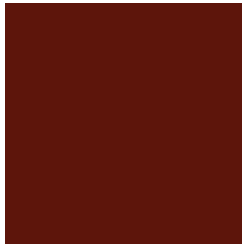
00606E



00D0ED

Previews

White Background



This preview shows how the Hex color 5D150B 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 5D150B Background



This preview shows how black text looks on a background with the Hex color 5D150B.

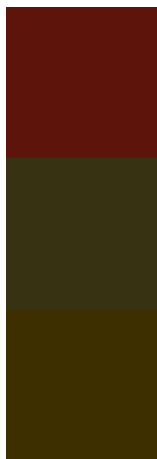


This preview shows how white text looks on a background with the Hex color 5D150B.

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
5D150B

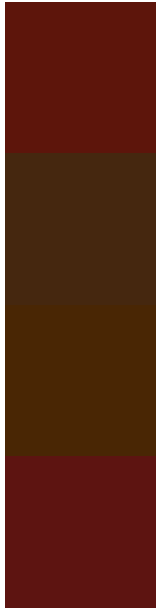
Protanopia
373212

Deuteranopia
3E2F00



Tritanopia
5D1414

Trichromacy



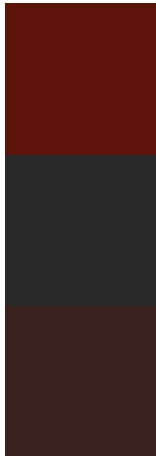
Original Color
5D150B

Protanomaly
45270F

Deuteranomaly
492604

Tritanomaly
5D1411

Monochromacy



Original Color
5D150B

Achromatopsia
292929

Achromatomaly
3C221E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D150B 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 #5D150B looks like.

```
.text, #text, p{  
    color:#5D150B  
}
```

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 #5D150B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D150B }
}
```

Border

The CSS property to change the border of an element to Hex 5D150B is called "border". The border property can be set on classes, ids or directly on the HTML element.

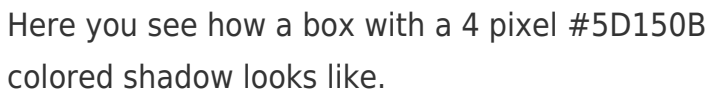
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #5D150B }
}
```

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

```
.border{ border-color:#5D150B }
```

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



Here you see how a box with a 4 pixel #5D150B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D150B; -webkit-box-shadow:4px 4px  
4px 4px #5D150B; box-shadow:4px 4px 4px  
4px #5D150B }
```

Background

The CSS property to change the background color of an element to Hex 5D150B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D150B }
```

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

```
.background{ background-color:#5D150B }
```

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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