

Converting Colors

Hex(5A0C0B)

Have a look what the booklet for
Hex(5A0C0B) contains.

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Color

Hex(5A0C0B)

Conversions

Conversions Part 1

Format	Color
Hex	5A0C0B
RGB	90, 12, 11
RGB Percent	35%, 5%, 4%
CMY	0.6471, 0.9529, 0.9569
CMYK	0.00, 0.87, 0.88, 0.65
HSL	1°, 78%, 20%
HSV	1°, 88%, 35%
XYZ	4.4083, 2.4608, 0.5592
YIQ	35.2080, 46.8090, 16.2250

Conversions

Conversions Part 2

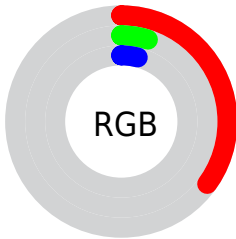
Format	Color
R_{YB}	90, 12, 11
Decimal	5901323
CIE _{Lab}	17.74, 34.21, 22.59
CIE _{LCh}	18, 40.997, 33.433
Yxy	2.4608, 0.5934, 0.3313
Android (android.graphics.Color)	4284091403 (0xFF5A0C0B)
YUV	35.2080, -11.9345, 48.0526
Hunter-Lab	15.6868, 22.7103, 8.8671

Details

The Hex color **5A0C0B** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0B595A**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **923F36**, and **260001** is the 20% darker color. If you saturate the color by 10%, you get **5A0302**, and if you desaturate by 10%, it is **5A1514**.

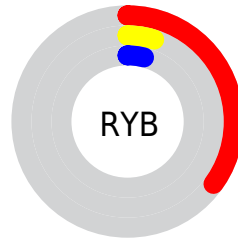
Distribution



Red (35%)

Green (5%)

Blue (4%)



Red (35%)

Yellow (5%)

Blue (4%)

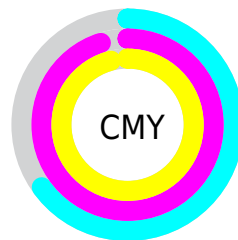


Cyan (0%)

Magenta (87%)

Yellow (88%)

Black (65%)



Cyan (65%)

Magenta (95%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A0C0B 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 5A0C0B by changing the saturation by 10% instead.

 5A0C0B

 5A0C0B

 FFFCEB

 3F0000

 923F36

 260001

 AF584D

 000000

 CC7265

 EA8C7E

 FFA798

 FFC2B3

 FFDFCE

 5A0C0B

 5A0C0B

■ 5A0302

■ 5A1514

■ 5A0100

■ 5A1E1D

■ 5A2726

■ 5A302F

■ 5A3838

■ 5A4141

■ 5A4A4A

■ 5A5353

■ 5A5C5C

Harmonies

Analogous

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



5D0029



5A0C0B



4B1F00

Triad

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



5A0C0B



00360E



002E67

Complementary

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



5A0C0B



0B595A

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.



003561



5A0C0B



00382E

Square

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



5A0C0B



163300



00384C



2C225D

Rectangle

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



5A0C0B



3C2800



00384C



003167

Sweetspot

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



5A0C0B



755757



5A0B5A



3B2928



BABABA



3B3B3B

Same Dimension

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



5A0C0B



750100



5A330B



2E2929



6E0100



ED0300

Inverse Universe

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



0B595A



007475



0B335A



292E2E



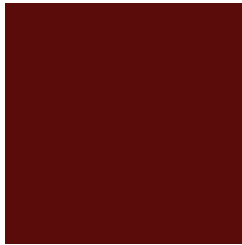
006C6E



00EAED

Previews

White Background



This preview shows how the Hex color 5A0C0B looks on a white background.

Color Contrast Check

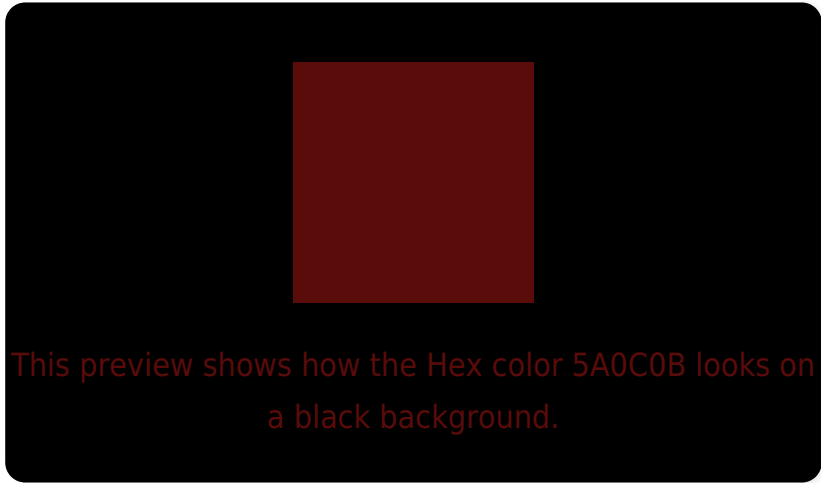
Large Text (above 18pt) WCAG AA ✓ Pass

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

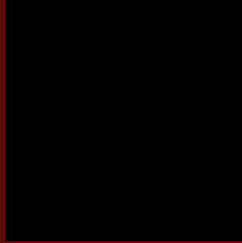
Any Text WCAG AA × Fail

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 5A0C0B Background



This preview shows how black text looks on a background with the Hex color 5A0C0B.

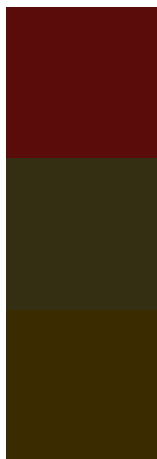


This preview shows how white text looks on a background with the Hex color 5A0C0B.

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



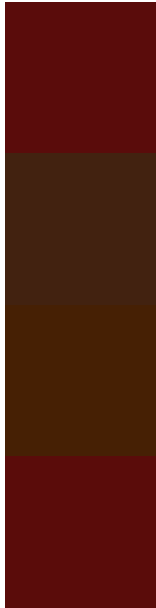
Original Color
5A0C0B

Protanopia
342E13

Deuteranopia
3A2C00



Trichromacy



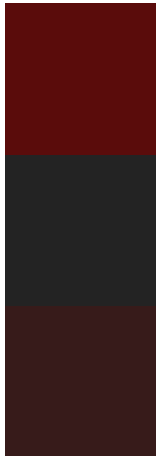
Original Color
5A0C0B

Protanomaly
422210

Deuteranomaly
462004

Tritanomaly
5A0C0A

Monochromacy



Original Color
5A0C0B

Achromatopsia
232323

Achromatomaly
371B1A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A0C0B 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 #5A0C0B looks like.

```
.text, #text, p{  
    color:#5A0C0B  
}
```

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 #5A0C0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A0C0B
}
```

Border

The CSS property to change the border of an element to Hex 5A0C0B 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".

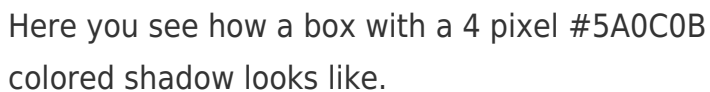
```
.border, #border, table{ border:4px solid
#5A0C0B }
```

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

```
.border{ border-color:#5A0C0B }
```

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

Here you see how a box with a 4 pixel #5A0C0B colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #5A0C0B colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A0C0B; -webkit-box-shadow:4px 4px  
4px 4px #5A0C0B; box-shadow:4px 4px 4px  
4px #5A0C0B }
```

Background

The CSS property to change the background color of an element to Hex 5A0C0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A0C0B }
```

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

```
.background{ background-color:#5A0C0B }
```

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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