

Converting Colors

Hex(5B0D0B)

Have a look what the booklet for
Hex(5B0D0B) contains.

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Color

Hex(5B0D0B)

Conversions

Conversions Part 1

Format	Color
Hex	5B0D0B
RGB	91, 13, 11
RGB Percent	36%, 5%, 4%
CMY	0.6431, 0.9490, 0.9569
CMYK	0.00, 0.86, 0.88, 0.64
HSL	2°, 78%, 20%
HSV	2°, 88%, 36%
XYZ	4.5187, 2.5362, 0.5680
YIQ	36.0940, 47.1300, 15.9140

Conversions

Conversions Part 2

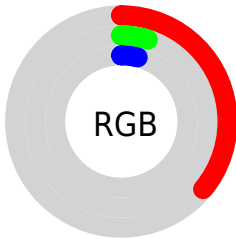
Format	Color
RYB	91, 13, 11
Decimal	5967115
CIELab	18.08, 34.23, 23.05
CIELCh	18, 41.268, 33.957
Yxy	2.5362, 0.5928, 0.3327
Android (android.graphics.Color)	4284157195 (0xFF5B0D0B)
YUV	36.0940, -12.3713, 48.1526
Hunter-Lab	15.9253, 22.7790, 9.0332

Details

The Hex color **5B0D0B** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0B595B**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **934036**, and **270001** is the 20% darker color. If you saturate the color by 10%, you get **5B0402**, and if you desaturate by 10%, it is **5B1614**.

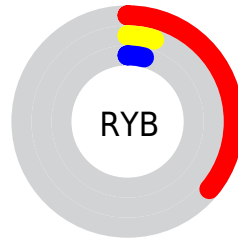
Distribution



Red (36%)

Green (5%)

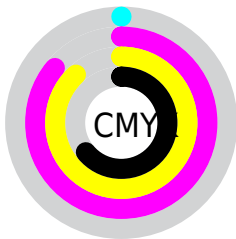
Blue (4%)



Red (36%)

Yellow (5%)

Blue (4%)

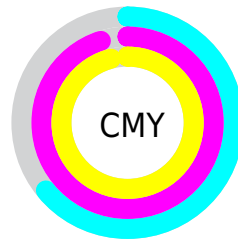


Cyan (0%)

Magenta (86%)

Yellow (88%)

Black (64%)



Cyan (64%)

Magenta (95%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B0D0B 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 5B0D0B by changing the saturation by 10% instead.

 5B0D0B

 5B0D0B

 FFFCEB

 400000

 934036

 270001

 B0594D

 000000

 CD7265

 EB8D7E

 FFA898

 FFC3B3

 FFE0CF

 5B0D0B

 5B0D0B

■ 5B0402

■ 5B1614

■ 5B0200

■ 5B1F1D

■ 5B2826

■ 5B302F

■ 5B3939

■ 5B4242

■ 5B4B4B

■ 5B5454

■ 5B5D5D

Harmonies

Analogous

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



5E002A



5B0D0B



4C2000

Triad

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



5B0D0B



003710



002F68

Complementary

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



5B0D0B



0B595B

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.



003662



5B0D0B



00382F

Square

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



5B0D0B



163300



00384D



2E225E

Rectangle

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



5B0D0B



3D2900



00384D



003268

Sweetspot

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



5B0D0B



755857



5B0B5A



3B2928



BABABA



3B3B3B

Same Dimension

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



5B0D0B



750300



5B340B



2E2929



6E0300



ED0600

Inverse Universe

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



0B595B



007275



0B325B



292E2E



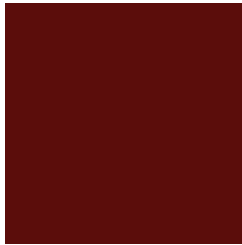
006B6E



00E7ED

Previews

White Background



This preview shows how the Hex color 5B0D0B looks on a white background.

Color Contrast Check

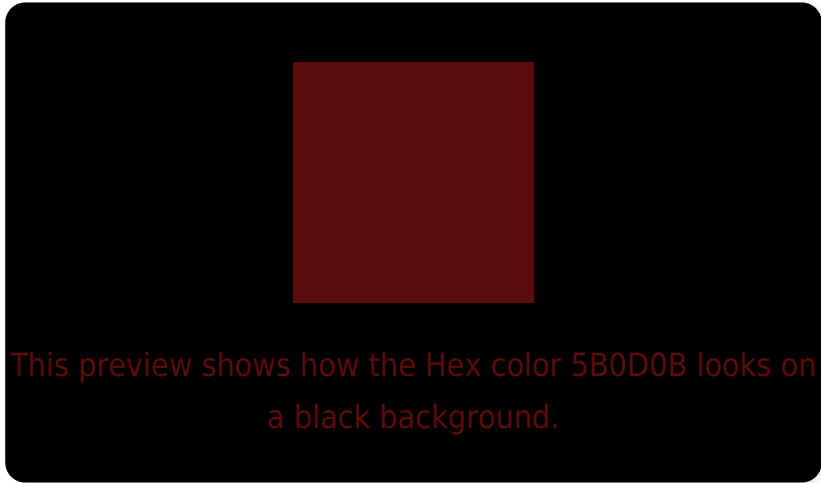
Large Text (above 18pt) WCAG AA ✓ Pass

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

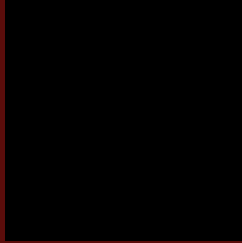
Any Text WCAG AA × Fail

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 5B0D0B Background



This preview shows how black text looks on a background with the Hex color 5B0D0B.

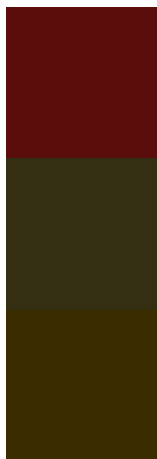


This preview shows how white text looks on a background with the Hex color 5B0D0B.

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
5B0D0B

Protanopia
342F13

Deuteranopia
3B2C00

Trichromacy



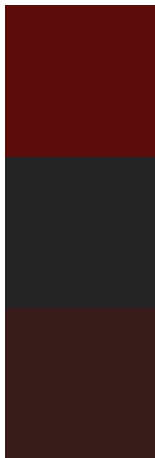
Original Color
5B0D0B

Protanomaly
422310

Deuteranomaly
472104

Tritanomaly
5B0D0C

Monochromacy



Original Color
5B0D0B

Achromatopsia
242424

Achromatomaly
381C1B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B0D0B 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 #5B0D0B looks like.

```
.text, #text, p{  
    color:#5B0D0B  
}
```

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 #5B0D0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B0D0B
}
```

Border

The CSS property to change the border of an element to Hex 5B0D0B 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".

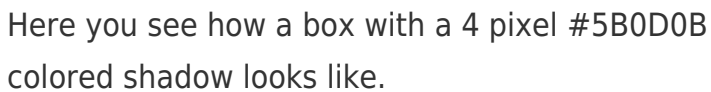
```
.border, #border, table{ border:4px solid
#5B0D0B }
```

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

```
.border{ border-color:#5B0D0B }
```

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

Here you see how a box with a 4 pixel #5B0D0B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B0D0B; -webkit-box-shadow:4px 4px  
4px 4px #5B0D0B; box-shadow:4px 4px 4px  
4px #5B0D0B }
```

Background

The CSS property to change the background color of an element to Hex 5B0D0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B0D0B }
```

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

```
.background{ background-color:#5B0D0B }
```

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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