

Converting Colors

Hex(5B4B1C)

Have a look what the booklet for
Hex(5B4B1C) contains.

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Color

Hex(5B4B1C)

Conversions

Conversions Part 1

Format	Color
Hex	5B4B1C
RGB	91, 75, 28
RGB Percent	36%, 29%, 11%
CMY	0.6431, 0.7059, 0.8902
CMYK	0.00, 0.18, 0.69, 0.64
HSL	45°, 53%, 23%
HSV	45°, 69%, 36%
XYZ	7.0401, 7.3401, 2.1443
YIQ	74.4260, 24.6230, -11.2250

Conversions

Conversions Part 2

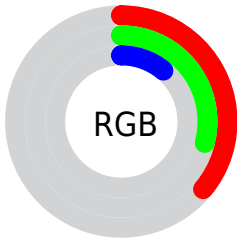
Format	Color
RYB	49, 91, 28
Decimal	5983004
CIELab	32.57, 0.63, 29.73
CIELCh	33, 29.736, 88.780
Yxy	7.3401, 0.4260, 0.4442
Android (android.graphics.Color)	4284173084 (0xFF5B4B1C)
YUV	74.4260, -22.8880, 14.5354
Hunter-Lab	27.0927, -1.0288, 14.2722

Details

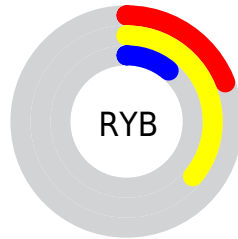
The Hex color **5B4B1C** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **1C2C5B**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **8F7C4A**, and **2B1F00** is the 20% darker color. If you saturate the color by 10%, you get **5B4913**, and if you desaturate by 10%, it is **5B4D25**.

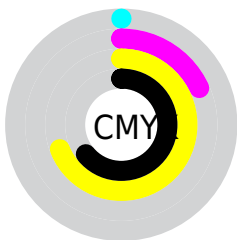
Distribution



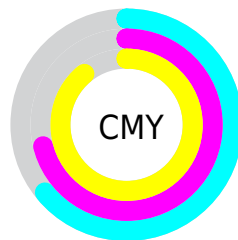
- Red (36%)
- Green (29%)
- Blue (11%)



- Red (19%)
- Yellow (36%)
- Blue (11%)



- Cyan (0%)
- Magenta (18%)
- Yellow (69%)
- Black (64%)



- Cyan (64%)
- Magenta (71%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B4B1C 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 5B4B1C by changing the saturation by 10% instead.

 5B4B1C

 5B4B1C

FFFFFF

 423504

 8F7C4A

 2B1F00

 AA9562

 0F0800

 C6B07C

 000000

 E3CB96

 FFE7B1

 FFFFCC

 FFFFEE9

 5B4B1C

 5B4B1C

■ 5B4913

■ 5B4D25

■ 5B460A

■ 5B502E

■ 5B4401

■ 5B5237

■ 5B4400

■ 5B5440

■ 5B574A

■ 5B5953

■ 5B5B5C

■ 5B5D65

■ 5B606E

Harmonies

Analogous

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



6D4225



5B4B1C



435222

Triad

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



5B4B1C



005862



693E65

Complementary

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



5B4B1C



1C2C5B

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.



4C4776



5B4B1C



005574

Square

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



5B4B1C



00584B



1D4F7B



77394F

Rectangle

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



5B4B1C



31552D



1D4F7B



61416C

Sweetspot

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



5B4B1C



756F5D



5B1C2D



3B372C



BABABA



3B3B3B

Same Dimension

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



5B4B1C



755D14



4C5B1C



2E2D29



6E5200



EDB100

Inverse Universe

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



1C2C5B



142D75



2B1C5B



292A2E



001C6E



003CED

Previews

White Background



This preview shows how the Hex color 5B4B1C looks on a white background.

Color Contrast Check

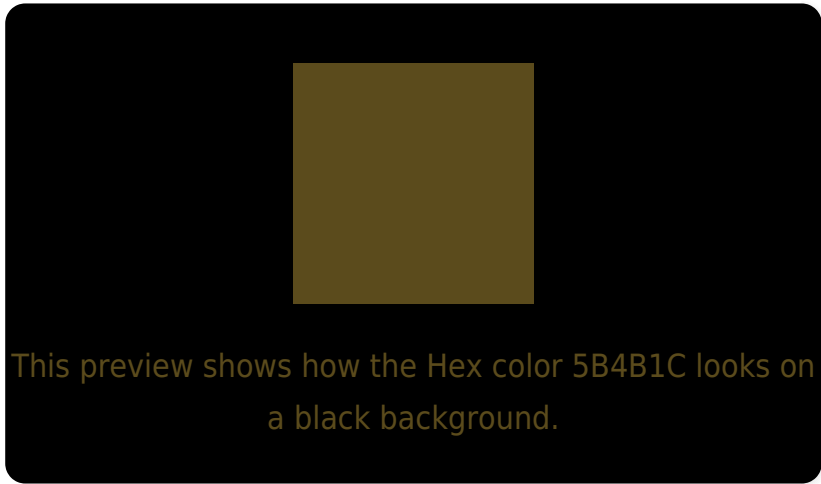
Large Text (above 18pt) WCAG AA ✓ Pass

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

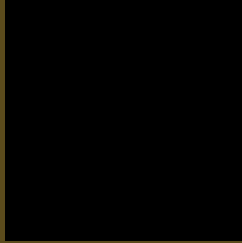
Any Text WCAG AA × Fail

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 5B4B1C Background



This preview shows how black text looks on a background with the Hex color 5B4B1C.

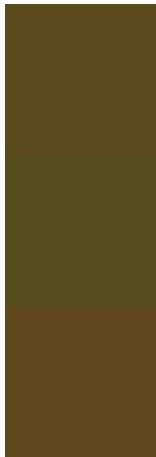


This preview shows how white text looks on a background with the Hex color 5B4B1C.

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
5B4B1C

Protanopia
564D1D

Deuteranopia
60491D



Tritanopia
5F464C

Trichromacy



Original Color

5B4B1C

Protanomaly

584C1D

Deuteranomaly

5E4A1D

Tritanomaly

5E483B

Monochromacy



Original Color

5B4B1C

Achromatopsia

4A4A4A

Achromatomaly

504A39

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B4B1C 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 #5B4B1C looks like.

```
.text, #text, p{  
    color:#5B4B1C  
}
```

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 #5B4B1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B4B1C
}
```

Border

The CSS property to change the border of an element to Hex 5B4B1C is called "border". The border property can be set on classes, ids or directly on the HTML element.

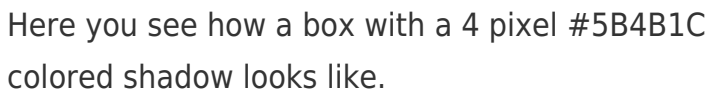
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B4B1C }
```

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

```
.border{ border-color:#5B4B1C }
```

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



Here you see how a box with a 4 pixel #5B4B1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B4B1C; -webkit-box-shadow:4px 4px  
4px 4px #5B4B1C; box-shadow:4px 4px 4px  
4px #5B4B1C }
```

Background

The CSS property to change the background color of an element to Hex 5B4B1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B4B1C }
```

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

```
.background{ background-color:#5B4B1C }
```

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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