

Converting Colors

Hex(5B4C1E)

Have a look what the booklet for
Hex(5B4C1E) contains.

Hex(5B4C1E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5B4C1E)

Conversions

Conversions Part 1

Format	Color
Hex	5B4C1E
RGB	91, 76, 30
RGB Percent	36%, 30%, 12%
CMY	0.6431, 0.7020, 0.8824
CMYK	0.00, 0.16, 0.67, 0.64
HSL	45°, 50%, 24%
HSV	45°, 67%, 36%
XYZ	7.1332, 7.4868, 2.2974
YIQ	75.2410, 23.7060, -11.1260

Conversions

Conversions Part 2

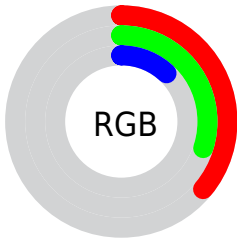
Format	Color
R_{YB}	50, 91, 30
Decimal	5983262
CIE Lab	32.89, 0.17, 29.03
CIE LCh	33, 29.028, 89.665
Yxy	7.4868, 0.4216, 0.4425
Android (android.graphics.Color)	4284173342 (0xFF5B4C1E)
YUV	75.2410, -22.3038, 13.8206
Hunter-Lab	27.3620, -1.3491, 14.1751

Details

The Hex color **5B4C1E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **1E2D5B**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **8F7D4C**, and **2B2000** is the 20% darker color. If you saturate the color by 10%, you get **5B4A15**, and if you desaturate by 10%, it is **5B4E27**.

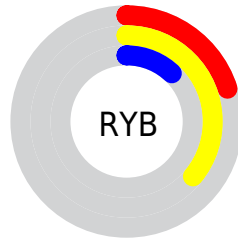
Distribution



Red (36%)

Green (30%)

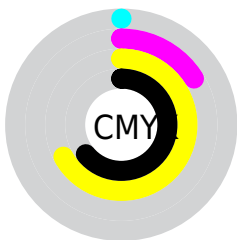
Blue (12%)



Red (20%)

Yellow (36%)

Blue (12%)

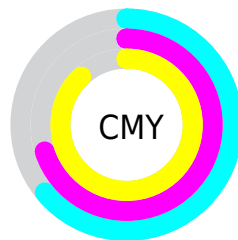


Cyan (0%)

Magenta (16%)

Yellow (67%)

Black (64%)



Cyan (64%)

Magenta (70%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B4C1E 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 5B4C1E by changing the saturation by 10% instead.

 5B4C1E

 5B4C1E

FFFFFF

 423507

 8F7D4C

 2B2000

 AA9664

 100A00

 C6B17E

 000000

 E3CC98

 FFE9B3

 FFFFCE

 FFFFEB

 5B4C1E

 5B4C1E

■ 5B4A15

■ 5B4E27

■ 5B480C

■ 5B5030

■ 5B4503

■ 5B5339

■ 5B4500

■ 5B5542

■ 5B574C

■ 5B5955

■ 5B5C5E

■ 5B5E67

■ 5B6070

Harmonies

Analogous

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



6D4426



5B4C1E



445324

Triad

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



5B4C1E



005963



693F65

Complementary

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



5B4C1E



1E2D5B

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.



4E4775



5B4C1E



005674

Square

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



5B4C1E



00594C



22507B



773A4F

Rectangle

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



5B4C1E



31562F



22507B



62416B

Sweetspot

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



5B4C1E



75705E



5B1E2D



3B372D



BABABA



3B3B3B

Same Dimension

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



5B4C1E



755E17



4C5B1E



2E2D29



6E5300



EDB300

Inverse Universe

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



1E2D5B



172F75



2D1E5B



292A2E



001B6E



003AED

Previews

White Background



This preview shows how the Hex color 5B4C1E looks on a white background.

Color Contrast Check

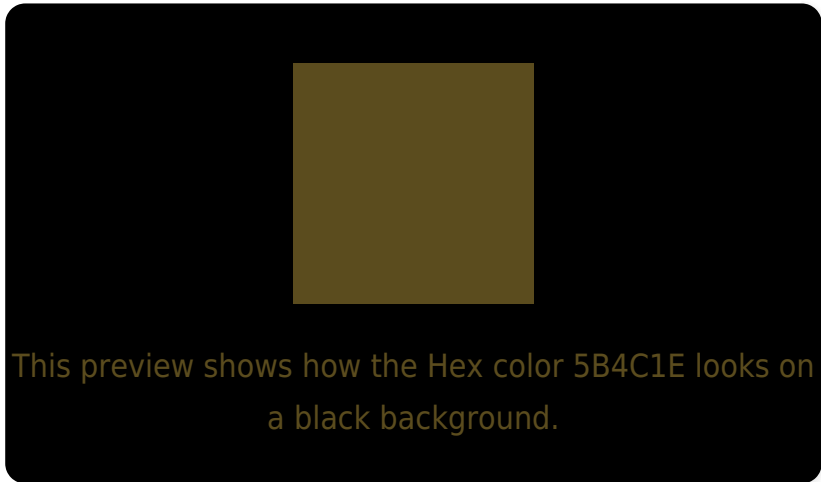
Large Text (above 18pt) WCAG AA ✓ Pass

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

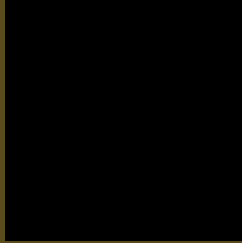
Any Text WCAG AA × Fail

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 5B4C1E Background



This preview shows how black text looks on a background with the Hex color 5B4C1E.



This preview shows how white text looks on a background with the Hex color 5B4C1E.

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
5B4C1E

Protanopia
564E1E

Deuteranopia
604A1F



Tritanopia
5F474D

Trichromacy



Original Color
5B4C1E

Protanomaly
584D1E

Deuteranomaly
5E4B1F

Tritanomaly
5E493C

Monochromacy



Original Color
5B4C1E

Achromatopsia
4B4B4B

Achromatomaly
514B3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B4C1E 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 #5B4C1E looks like.

```
.text, #text, p{  
    color:#5B4C1E  
}
```

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 #5B4C1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B4C1E
}
```

Border

The CSS property to change the border of an element to Hex 5B4C1E is called "border". The border property can be set on classes, ids or directly on the HTML element.

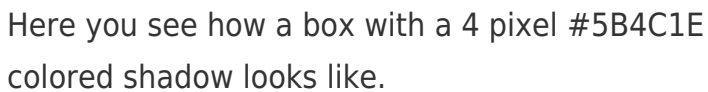
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B4C1E }
```

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

```
.border{ border-color:#5B4C1E }
```

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



Here you see how a box with a 4 pixel #5B4C1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B4C1E; -webkit-box-shadow:4px 4px  
4px 4px #5B4C1E; box-shadow:4px 4px 4px  
4px #5B4C1E }
```

Background

The CSS property to change the background color of an element to Hex 5B4C1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B4C1E }
```

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

```
.background{ background-color:#5B4C1E }
```

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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