

Converting Colors

Hex(5B4E17)

Have a look what the booklet for
Hex(5B4E17) contains.

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Color

Hex(5B4E17)

Conversions

Conversions Part 1

Format	Color
Hex	5B4E17
RGB	91, 78, 23
RGB Percent	36%, 31%, 9%
CMY	0.6431, 0.6941, 0.9098
CMYK	0.00, 0.14, 0.75, 0.64
HSL	49°, 60%, 22%
HSV	49°, 75%, 36%
XYZ	7.1934, 7.7348, 1.9244
YIQ	75.6170, 25.4030, -14.3490

Conversions

Conversions Part 2

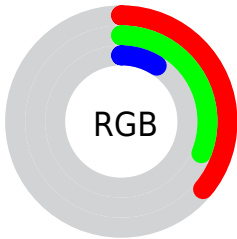
Format	Color
RYB	39, 91, 23
Decimal	5983767
CIELab	33.42, -1.54, 33.12
CIELCh	33, 33.153, 92.662
Yxy	7.7348, 0.4268, 0.4590
Android (android.graphics.Color)	4284173847 (0xFF5B4E17)
YUV	75.6170, -25.9402, 13.4909
Hunter-Lab	27.8115, -2.5012, 15.3654

Details

The Hex color **5B4E17** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **17245B**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **8F7F46**, and **2A2200** is the 20% darker color. If you saturate the color by 10%, you get **5B4C0E**, and if you desaturate by 10%, it is **5B5020**.

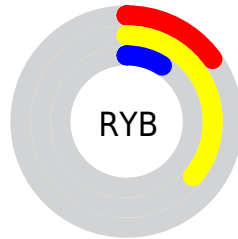
Distribution



Red (36%)

Green (31%)

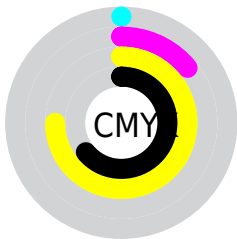
Blue (9%)



Red (15%)

Yellow (36%)

Blue (9%)

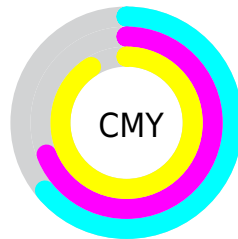


Cyan (0%)

Magenta (14%)

Yellow (75%)

Black (64%)



Cyan (64%)

Magenta (69%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B4E17 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 5B4E17 by changing the saturation by 10% instead.

■ 5B4E17

■ 5B4E17

FFFFFF

■ 423700

■ 8F7F46

■ 2A2200

■ AB995E

■ 0F0D00

■ C7B377

■ 000000

■ E3CF91

■ FFEBAC

■ FFFFC8

■ FFFFE4

■ 5B4E17

■ 5B4E17

■ 5B4C0E

■ 5B5020

■ 5B4B05

■ 5B5129

■ 5B4A00

■ 5B5332

■ 5B553B

■ 5B5745

■ 5B584E

■ 5B5A57

■ 5B5C60

■ 5B5E69

Harmonies

Analogous

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



704420



5B4E17



405520

Triad

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



5B4E17



005B6A



713C67

Complementary

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



5B4E17



17245B

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.



53477B



5B4E17



00587D

Square

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



5B4E17



005C50



1D5183



7E374D

Rectangle

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



5B4E17



2A582D



1D5183



69406F

Sweetspot

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



5B4E17



75705B



5B1725



3B382B



BABABA



3B3B3B

Same Dimension

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



5B4E17



75610C



475B17



2E2D29



6E5900



EDC000

Inverse Universe

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



17245B



0C2075



2B175B



292A2E



00156E



002DED

Previews

White Background



This preview shows how the Hex color 5B4E17 looks on a white background.

Color Contrast Check

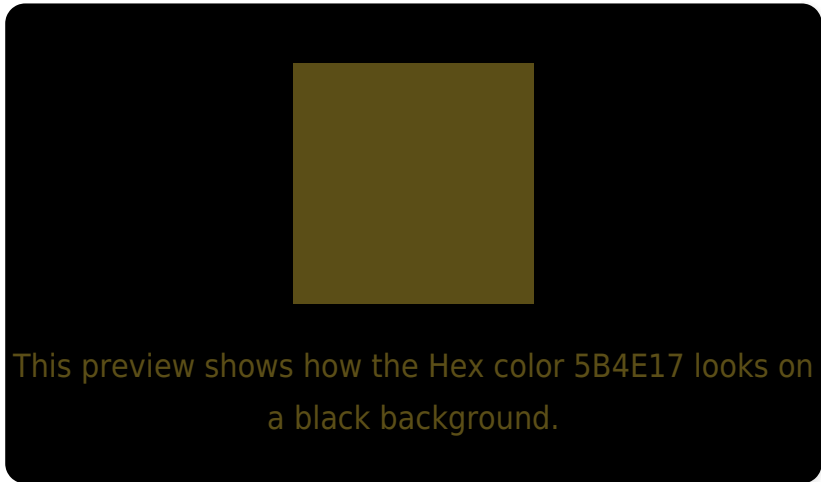
Large Text (above 18pt) WCAG AA ✓ Pass

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

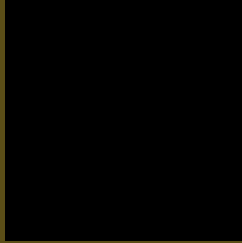
Any Text WCAG AA × Fail

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 5B4E17 Background



This preview shows how black text looks on a background with the Hex color 5B4E17.



This preview shows how white text looks on a background with the Hex color 5B4E17.

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
5B4E17

Protanopia
584F17

Deuteranopia
634B18



Tritanopia
5F494E

Trichromacy



Original Color
5B4E17

Protanomaly
594F17

Deuteranomaly
604C18

Tritanomaly
5E4B3A

Monochromacy



Original Color
5B4E17

Achromatopsia
4C4C4C

Achromatomaly
514D39

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B4E17 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 #5B4E17 looks like.

```
.text, #text, p{  
    color:#5B4E17  
}
```

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 #5B4E17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B4E17
}
```

Border

The CSS property to change the border of an element to Hex 5B4E17 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
#5B4E17 }
```

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

```
.border{ border-color:#5B4E17 }
```

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

Here you see how a box with a 4 pixel #5B4E17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B4E17; -webkit-box-shadow:4px 4px  
4px 4px #5B4E17; box-shadow:4px 4px 4px  
4px #5B4E17 }
```

Background

The CSS property to change the background color of an element to Hex 5B4E17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B4E17 }
```

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

```
.background{ background-color:#5B4E17 }
```

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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