

Converting Colors

Hex(5C4517)

Have a look what the booklet for
Hex(5C4517) contains.

| | |
|--|----|
| Hex(5C4517) | 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(5C4517)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 5C4517 |
| RGB | 92, 69, 23 |
| RGB Percent | 36%, 27%, 9% |
| CMY | 0.6392, 0.7294, 0.9098 |
| CMYK | 0.00, 0.25, 0.75, 0.64 |
| HSL | 40°, 60%, 23% |
| HSV | 40°, 75%, 36% |
| XYZ | 6.6964, 6.5934, 1.7303 |
| YIQ | 70.6330, 28.4740, -9.4300 |

Conversions

Conversions Part 2

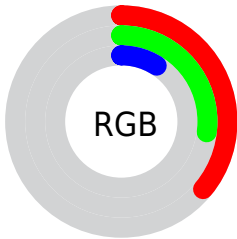
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 58, 92, 23 |
| Decimal | 6046999 |
| CIE Lab | 30.86, 4.51, 30.52 |
| CIE LCh | 31, 30.847, 81.586 |
| Yxy | 6.5934, 0.4458, 0.4390 |
| Android (android.graphics.Color) | 4284237079 (0xFF5C4517) |
| YUV | 70.6330, -23.4831, 18.7389 |
| Hunter-Lab | 25.6776, 1.6147, 13.9790 |

Details

The Hex color **5C4517** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **172E5C**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **917545**, and **2B1A00** is the 20% darker color. If you saturate the color by 10%, you get **5C420E**, and if you desaturate by 10%, it is **5C4820**.

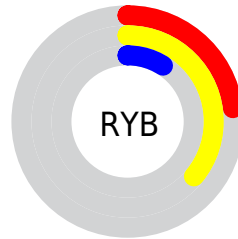
Distribution



Red (36%)

Green (27%)

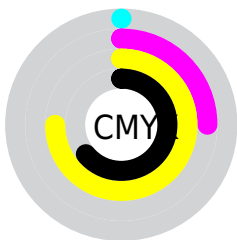
Blue (9%)



Red (23%)

Yellow (36%)

Blue (9%)

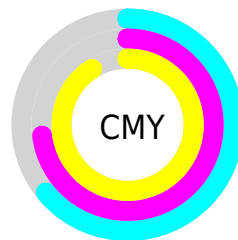


Cyan (0%)

Magenta (25%)

Yellow (75%)

Black (64%)



Cyan (64%)

Magenta (73%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C4517 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 5C4517 by changing the saturation by 10% instead.

 5C4517

 5C4517

FFFFFF

 432F00

 917545

 2B1A00

 AC8F5D

 100000

 C8A976

 000000

 E5C490

 FFE0AB

 FFFDC6

 FFFFEE2

 5C4517

 5C4517

■ 5C420E

■ 5C4820

■ 5C3F05

■ 5C4B29

■ 5C3D00

■ 5C4E33

■ 5C513C

■ 5C5445

■ 5C574E

■ 5C5A57

■ 5C5E61

■ 5C616A

Harmonies

Analogous

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



6D3C24



5C4517



454D19

Triad

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



5C4517



00555A



603B67

Complementary

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



5C4517



172E5C

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.



3E4575



5C4517



00526E

Square

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



5C4517



005441



004D78



713450

Rectangle

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



5C4517



335023



004D78



563E6D

Sweetspot

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



5C4517



786F5C



5C172E



3D372C



BDBDBD



3D3D3D

Same Dimension

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



5C4517



78540C



515C17



2E2C29



6E4900



ED9E00

Inverse Universe

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



172E5C



0C3078



22175C



292B2E



00256E



004FED

Previews

White Background



This preview shows how the Hex color 5C4517 looks on a white background.

Color Contrast Check

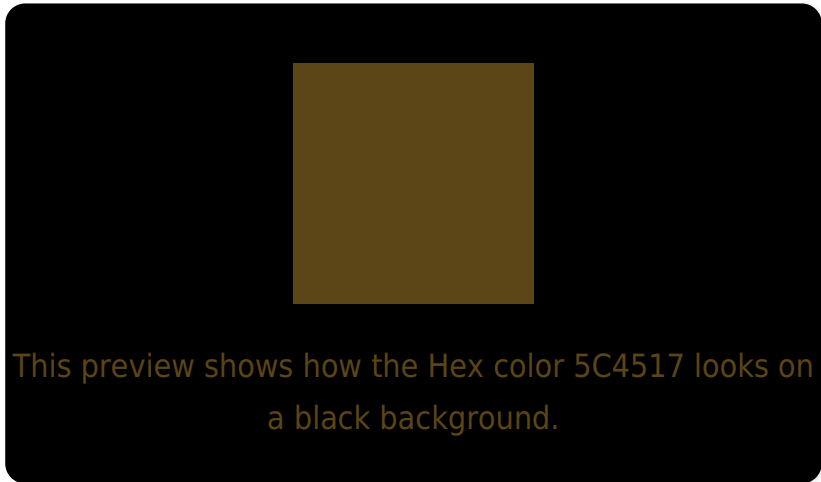
Large Text (above 18pt) WCAG AA ✓ Pass

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

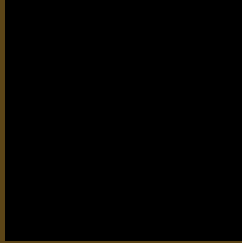
Any Text WCAG AA × Fail

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 5C4517 Background



This preview shows how black text looks on a background with the Hex color 5C4517.



This preview shows how white text looks on a background with the Hex color 5C4517.

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
5C4517

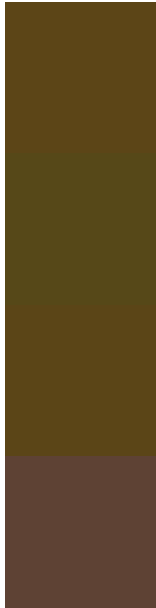
Protanopia
524918

Deuteranopia
5B4517



Tritanopia
5F4145

Trichromacy



Original Color
5C4517

Protanomaly
564818

Deuteranomaly
5B4517

Tritanomaly
5E4234

Monochromacy



Original Color
5C4517

Achromatopsia
474747

Achromatomaly
4F4636

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C4517 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 #5C4517 looks like.

```
.text, #text, p{  
    color:#5C4517  
}
```

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 #5C4517 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C4517
}
```

Border

The CSS property to change the border of an element to Hex 5C4517 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
#5C4517 }
```

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

```
.border{ border-color:#5C4517 }
```

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

Here you see how a box with a 4 pixel #5C4517 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C4517; -webkit-box-shadow:4px 4px  
4px 4px #5C4517; box-shadow:4px 4px 4px  
4px #5C4517 }
```

Background

The CSS property to change the background color of an element to Hex 5C4517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C4517 }
```

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

```
.background{ background-color:#5C4517 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor