

Converting Colors

Hex(5A441C)

Have a look what the booklet for
Hex(5A441C) contains.

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Color

Hex(5A441C)

Conversions

Conversions Part 1

Format	Color
Hex	5A441C
RGB	90, 68, 28
RGB Percent	35%, 27%, 11%
CMY	0.6471, 0.7333, 0.8902
CMYK	0.00, 0.24, 0.69, 0.65
HSL	39°, 53%, 23%
HSV	39°, 69%, 35%
XYZ	6.4932, 6.3917, 1.9901
YIQ	70.0180, 25.9520, -7.7760

Conversions

Conversions Part 2

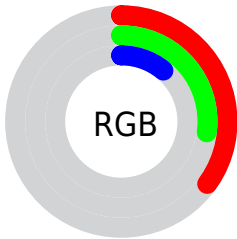
Format	Color
RYB	62, 90, 28
Decimal	5915676
CIELab	30.38, 4.48, 27.28
CIELCh	30, 27.649, 80.667
Yxy	6.3917, 0.4365, 0.4297
Android (android.graphics.Color)	4284105756 (0xFF5A441C)
YUV	70.0180, -20.7149, 17.5242
Hunter-Lab	25.2819, 1.6010, 13.0302

Details

The Hex color **5A441C** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1C325A**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **8E7449**, and **291900** is the 20% darker color. If you saturate the color by 10%, you get **5A4113**, and if you desaturate by 10%, it is **5A4725**.

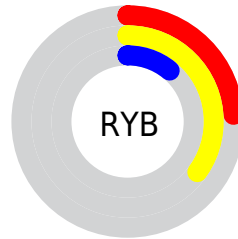
Distribution



Red (35%)

Green (27%)

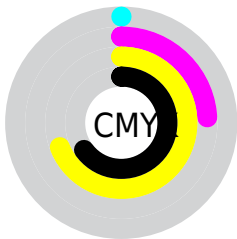
Blue (11%)



Red (24%)

Yellow (35%)

Blue (11%)

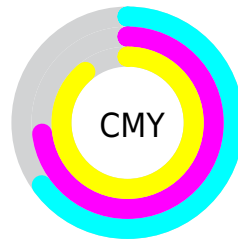


Cyan (0%)

Magenta (24%)

Yellow (69%)

Black (65%)



Cyan (65%)

Magenta (73%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A441C 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 5A441C by changing the saturation by 10% instead.

 5A441C

 5A441C

FFFFFF

 412E04

 8E7449

 291900

 AA8D62

 0D0000

 C5A87B

 000000

 E2C395

 FFDFB0

 FFFBCB

 FFFFE7

 5A441C

 5A441C

■ 5A4113

■ 5A4725

■ 5A3E0A

■ 5A4A2E

■ 5A3A01

■ 5A4E37

■ 5A3A00

■ 5A5140

■ 5A5449

■ 5A5752

■ 5A5A5B

■ 5A5E64

■ 5A616D

Harmonies

Analogous

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



693C27



5A441C



464B1E

Triad

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



5A441C



005256



5C3C63

Complementary

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



5A441C



1C325A

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.



3E4570



5A441C



005068

Square

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



5A441C



005240



064C72



6C364F

Rectangle

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



5A441C



354E26



064C72



533F68

Sweetspot

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



5A441C



756D5D



5A1C33



3B352C



BABABA



3B3B3B

Same Dimension

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



5A441C



755314



525A1C



2E2C29



6E4700



ED9900

Inverse Universe

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



1C325A



143675



241C5A



292B2E



00276E



0054ED

Previews

White Background



This preview shows how the Hex color 5A441C looks on a white background.

Color Contrast Check

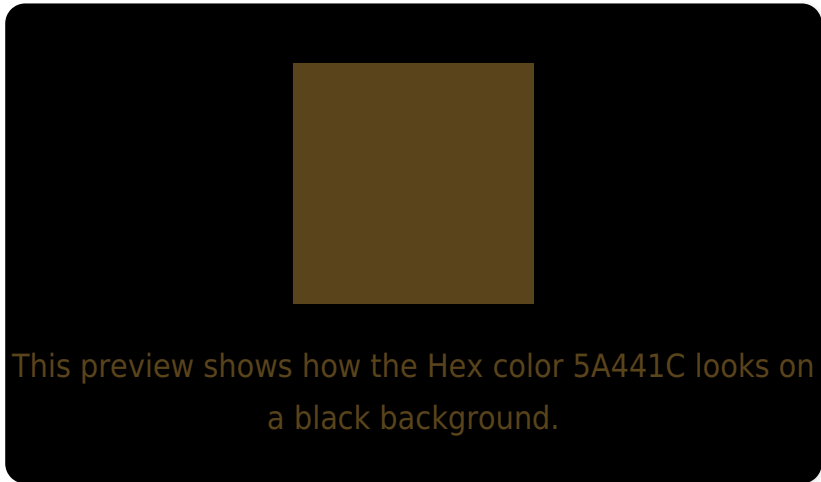
Large Text (above 18pt) WCAG AA ✓ Pass

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

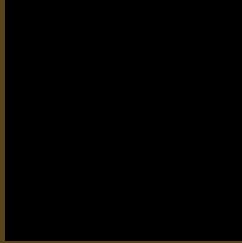
Any Text WCAG AA × Fail

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 5A441C Background



This preview shows how black text looks on a background with the Hex color 5A441C.



This preview shows how white text looks on a background with the Hex color 5A441C.

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
5A441C

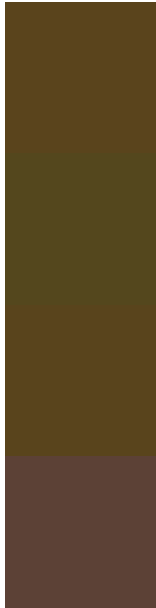
Protanopia
50481D

Deuteranopia
59441C



Tritanopia
5D4045

Trichromacy



Original Color
5A441C

Protanomaly
54471D

Deuteranomaly
59441C

Tritanomaly
5C4136

Monochromacy



Original Color
5A441C

Achromatopsia
464646

Achromatomaly
4D4537

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A441C 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 #5A441C looks like.

```
.text, #text, p{  
    color:#5A441C  
}
```

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 #5A441C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A441C
}
```

Border

The CSS property to change the border of an element to Hex 5A441C is called "border". The border property can be set on classes, ids or directly on the HTML element.

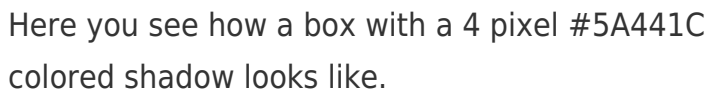
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A441C }
```

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

```
.border{ border-color:#5A441C }
```

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



Here you see how a box with a 4 pixel #5A441C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A441C; -webkit-box-shadow:4px 4px  
4px 4px #5A441C; box-shadow:4px 4px 4px  
4px #5A441C }
```

Background

The CSS property to change the background color of an element to Hex 5A441C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A441C }
```

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

```
.background{ background-color:#5A441C }
```

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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