

# Converting Colors

Hex(5A441D)

Have a look what the booklet for  
Hex(5A441D) contains.

|  |    |
|--|----|
| <b>Hex(5A441D)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

**Color**

**Hex(5A441D)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 5A441D                    |
| RGB           | 90, 68, 29                |
| RGB Percent   | 35%, 27%, 11%             |
| CMY           | 0.6471, 0.7333, 0.8863    |
| CMYK          | 0.00, 0.24, 0.68, 0.65    |
| HSL           | 38°, 51%, 23%             |
| HSV           | 38°, 68%, 35%             |
| XYZ           | 6.5053, 6.3966, 2.0542    |
| YIQ           | 70.1320, 25.6310, -7.4650 |

# Conversions

## Conversions Part 2

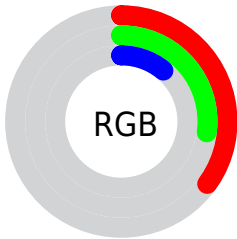
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 63, 90, 29                    |
| Decimal                             | 5915677                       |
| CIELab                              | 30.39, 4.56, 26.74            |
| CIELCh                              | 30, 27.130, 80.322            |
| Yxy                                 | 6.3966, 0.4350,<br>0.4277     |
| Android<br>(android.graphics.Color) | 4284105757<br>(0xFF5A441D)    |
| YUV                                 | 70.1320, -20.2781,<br>17.4242 |
| Hunter-Lab                          | 25.2915, 1.6526,<br>12.8885   |




# Details

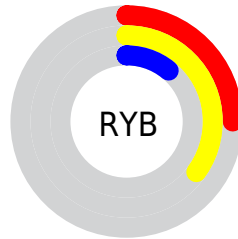
The Hex color **5A441D** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1D335A**, and the grayscale version is **464646**.




A 20% lighter version of the original color is **8E744A**, and **2A1900** is the 20% darker color. If you saturate the color by 10%, you get **5A4114**, and if you desaturate by 10%, it is **5A4726**.

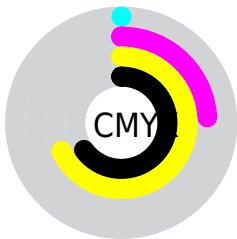
# Distribution







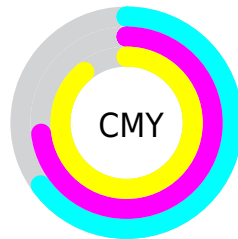
-  Red (35%)
-  Green (27%)
-  Blue (11%)






-  Red (25%)
-  Yellow (35%)
-  Blue (11%)



-  Cyan (0%)
-  Magenta (24%)
-  Yellow (68%)
-  Black (65%)



-  Cyan (65%)
-  Magenta (73%)
-  Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A441D 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 5A441D by changing the saturation by 10% instead.



 5A441D

 5A441D

FFFFFF

 412E06

 8E744A

 2A1900

 A98D63

 0E0000

 C5A87C

 000000

 E2C396

 FFDFB1

 FFFBCC

 FFFFEE9

 5A441D

 5A441D

■ 5A4114

■ 5A4726

■ 5A3E0B

■ 5A4A2F

■ 5A3A02

■ 5A4E38

■ 5A3A00

■ 5A5141

■ 5A544A

■ 5A5753

■ 5A5B5C

■ 5A5E65

■ 5A616E

# Harmonies

## Analogous

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



693C28



5A441D



464B1E

# Triad

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



5A441D



005256



5B3C63

# Complementary

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



5A441D



1D335A

# 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.



3E456F



5A441D



005068

# Square

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



5A441D



025240



0A4C71



6B374F

# Rectangle

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



5A441D



364E26



0A4C71



533F68



# Sweetspot

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



5A441D



756D5E



5A1D33



3B362D



BABABA



3B3B3B



# Same Dimension

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



5A441D



755316



525A1D



2E2C29



6E4600



ED9800



# Inverse Universe

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



1D335A



163975



251D5A



292B2E



00286E



0056ED



# Previews

## White Background



This preview shows how the Hex color 5A441D looks on a white background.

## Color Contrast Check

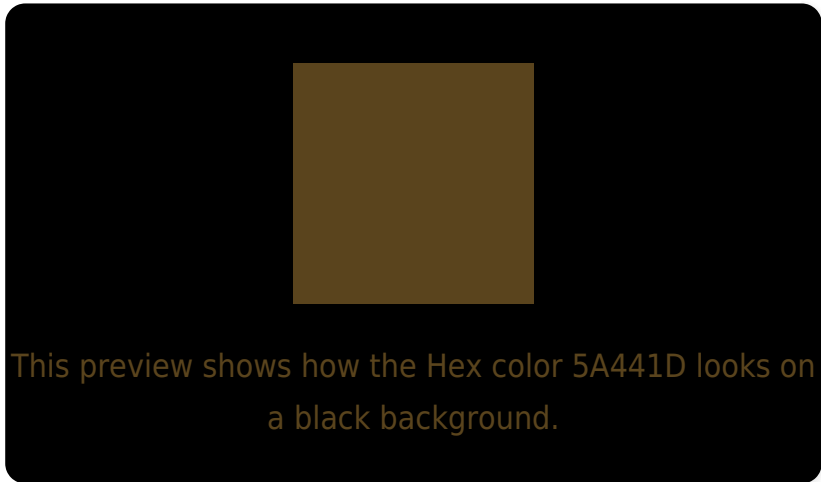
Large Text (above 18pt) WCAG AA ✓ Pass

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

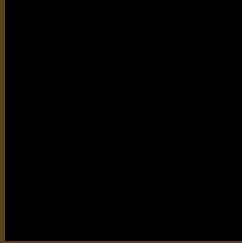
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5A441D Background



This preview shows how black text looks on a background with the Hex color 5A441D.



This preview shows how white text looks on a background with the Hex color 5A441D.

# 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**  
5A441D

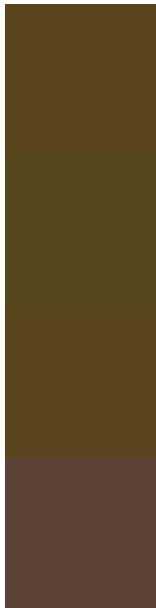
**Protanopia**  
50481E

**Deuteranopia**  
59441D



**Tritanopia**  
5D4045

# Trichromacy



**Original Color**  
5A441D

**Protanomaly**  
54471E

**Deuteranomaly**  
59441D

**Tritanomaly**  
5C4136

# Monochromacy



**Original Color**  
5A441D

**Achromatopsia**  
464646

**Achromatomaly**  
4D4537

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A441D 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 #5A441D looks like.

```
.text, #text, p{  
    color:#5A441D  
}
```

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 #5A441D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A441D
}
```

## Border

The CSS property to change the border of an element to Hex 5A441D is called "border". The border property can be set on classes, ids or directly on the HTML element.

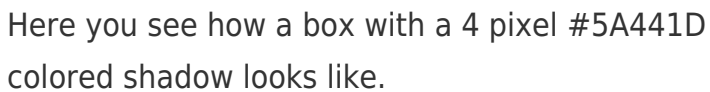
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A441D }
```

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

```
.border{ border-color:#5A441D }
```

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



Here you see how a box with a 4 pixel #5A441D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A441D; -webkit-box-shadow:4px 4px  
4px 4px #5A441D; box-shadow:4px 4px 4px  
4px #5A441D }
```

# Background

The CSS property to change the background color of an element to Hex 5A441D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A441D }
```

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

```
.background{ background-color:#5A441D }
```

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