

# Converting Colors

Hex(5C401F)

Have a look what the booklet for  
Hex(5C401F) contains.

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**Color**

**Hex(5C401F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5C401F
RGB	92, 64, 31
RGB Percent	36%, 25%, 12%
CMY	0.6392, 0.7490, 0.8784
CMYK	0.00, 0.30, 0.66, 0.64
HSL	32°, 50%, 24%
HSV	32°, 66%, 36%
XYZ	6.4944, 6.0410, 2.1201
YIQ	68.6100, 27.2810, -4.3270

# Conversions

## Conversions Part 2

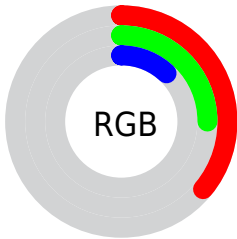
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 92, 31
Decimal	6045727
CIE Lab	29.52, 8.22, 24.67
CIE LCh	30, 26.004, 71.569
Yxy	6.0410, 0.4431, 0.4122
Android (android.graphics.Color)	4284235807 (0xFF5C401F)
YUV	68.6100, -18.5417, 20.5130
Hunter-Lab	24.5785, 4.1525, 12.0908

# Details

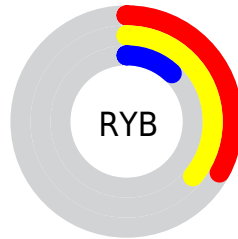
The Hex color **5C401F** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **1F3B5C**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **91704C**, and **2B1600** is the 20% darker color. If you saturate the color by 10%, you get **5C3C16**, and if you desaturate by 10%, it is **5C4428**.

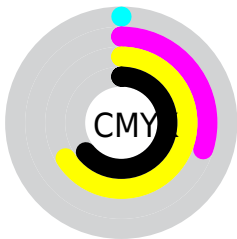
# Distribution



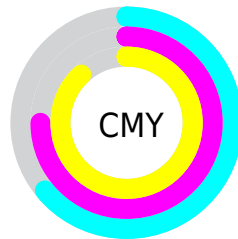
- Red (36%)
- Green (25%)
- Blue (12%)



- Red (33%)
- Yellow (36%)
- Blue (12%)



- Cyan (0%)
- Magenta (30%)
- Yellow (66%)
- Black (64%)



- Cyan (64%)
- Magenta (75%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C401F 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 5C401F by changing the saturation by 10% instead.





5C401F



5C401F

FFFFFF



432A08



91704C



2B1600



AC8964



0F0000



C8A37E



000000



E5BE98



FFDAB2



FFF7CE



FFFFEA



5C401F



5C401F

■ 5C3C16

■ 5C4428

■ 5C380D

■ 5C4831

■ 5C3303

■ 5C4D3B

■ 5C3200

■ 5C5144

■ 5C554D

■ 5C5956

■ 5C5E5F

■ 5C6269

■ 5C6672

# Harmonies

## Analogous

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



68392C



5C401F



4A471D

# Triad

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



5C401F



00504D



513D64

# Complementary

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



5C401F



1F3B5C

# 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.



32456D



5C401F



004F60

# Square

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



5C401F



164F38



004B6B



643753

# Rectangle

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



5C401F



3C4B22



004B6B



484068



# Sweetspot

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



5C401F



786D60



5C1F3B



3D362F



BDBDBD



3D3D3D



# Same Dimension

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



5C401F



784C18



5A5C1F



2E2C29



6E3B00



ED8000



# Inverse Universe

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



1F3B5C



184478



211F5C



292B2E



00326E



006DED



# Previews

## White Background



This preview shows how the Hex color 5C401F looks on a white background.

## Color Contrast Check

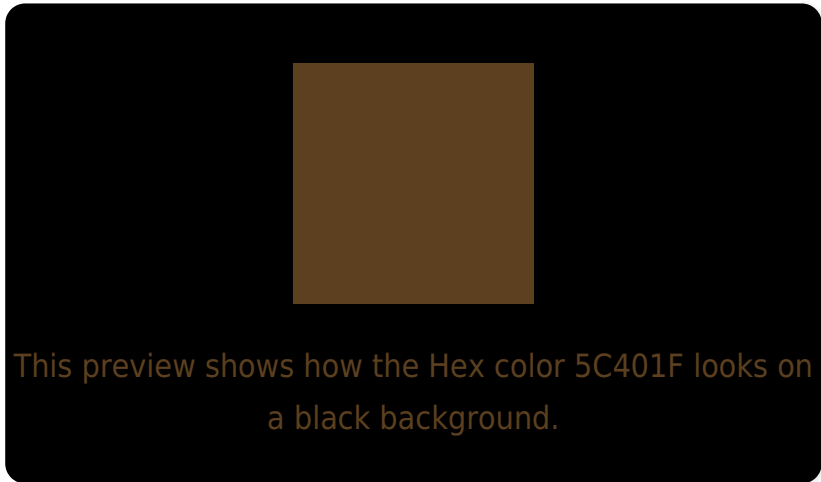
Large Text (above 18pt) WCAG AA ✓ Pass

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

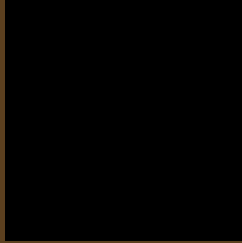
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5C401F Background



This preview shows how black text looks on a background with the Hex color 5C401F.



This preview shows how white text looks on a background with the Hex color 5C401F.

# 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**  
5C401F

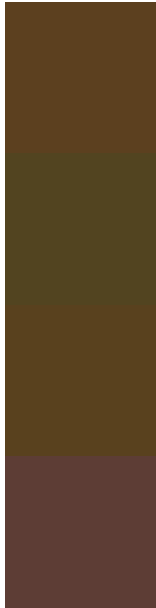
**Protanopia**  
4D4621

**Deuteranopia**  
57421E



**Tritanopia**  
5E3C41

# Trichromacy



**Original Color**  
5C401F

**Protanomaly**  
524420

**Deuteranomaly**  
59411E

**Tritanomaly**  
5D3D35

# Monochromacy



**Original Color**  
5C401F

**Achromatopsia**  
454545

**Achromatomaly**  
4D4337

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C401F 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 #5C401F looks like.

```
.text, #text, p{  
    color:#5C401F  
}
```

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 #5C401F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C401F
}
```

## Border

The CSS property to change the border of an element to Hex 5C401F is called "border". The border property can be set on classes, ids or directly on the HTML element.

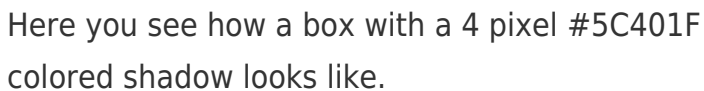
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C401F }
```

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

```
.border{ border-color:#5C401F }
```

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



Here you see how a box with a 4 pixel #5C401F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C401F; -webkit-box-shadow:4px 4px  
4px 4px #5C401F; box-shadow:4px 4px 4px  
4px #5C401F }
```

# Background

The CSS property to change the background color of an element to Hex 5C401F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C401F }
```

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

```
.background{ background-color:#5C401F }
```

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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