

Converting Colors

Hex(5C3F02)

Have a look what the booklet for
Hex(5C3F02) contains.

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Color

Hex(5C3F02)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 5C3F02 |
| RGB | 92, 63, 2 |
| RGB Percent | 36%, 25%, 1% |
| CMY | 0.6392, 0.7529, 0.9922 |
| CMYK | 0.00, 0.32, 0.98, 0.64 |
| HSL | 41°, 96%, 18% |
| HSV | 41°, 98%, 36% |
| XYZ | 6.2021, 5.8347, 0.8568 |
| YIQ | 64.7170, 36.8650, -12.8230 |

Conversions

Conversions Part 2

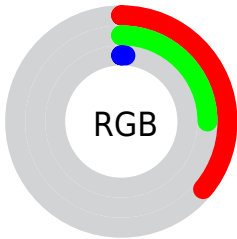
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 45, 92, 2 |
| Decimal | 6045442 |
| CIELab | 28.99, 7.37, 37.73 |
| CIELCh | 29, 38.443, 78.951 |
| Yxy | 5.8347, 0.4810, 0.4525 |
| Android (android.graphics.Color) | 4284235522 (0xFF5C3F02) |
| YUV | 64.7170, -30.9195, 23.9272 |
| Hunter-Lab | 24.1551, 3.5603, 14.8056 |

Details

The Hex color **5C3F02** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **021F5C**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **926E33**, and **291500** is the 20% darker color. If you saturate the color by 10%, you get **5C3E00**, and if you desaturate by 10%, it is **5C420B**.

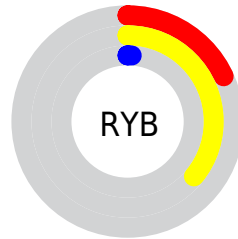
Distribution



Red (36%)

Green (25%)

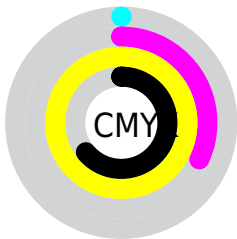
Blue (1%)



Red (18%)

Yellow (36%)

Blue (1%)

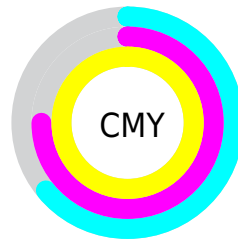


Cyan (0%)

Magenta (32%)

Yellow (98%)

Black (64%)



Cyan (64%)

Magenta (75%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C3F02 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 5C3F02 by changing the saturation by 10% instead.

 5C3F02

 5C3F02

 FFFFEB

 432900

 926E33

 291500

 AE884B

 080000

 CBA264

 000000

 E8BD7D

 FFD998

 FFF5B3

 FFFFCE

 5C3F02

 5C3F02

■ 5C3E00

■ 5C420B

■ 5C4514

■ 5C481E

■ 5C4B27

■ 5C4E30

■ 5C5139

■ 5C5442

■ 5C574C

■ 5C5A55

Harmonies

Analogous

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



703318



5C3F02



414902

Triad

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



5C3F02



005257



5D346C

Complementary

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



5C3F02



021F5C

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.



2D417D



5C3F02



005071

Square

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



5C3F02



005238



004B7F



742851

Rectangle

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



5C3F02



2A4D11



004B7F



513873

Sweetspot

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



5C3F02



786D55



5C0220



3D3628



BDBDBD



3D3D3D

Same Dimension

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



5C3F02



785100



4D5C02



2E2C29



6E4A00



EDA100

Inverse Universe

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



021F5C



002778



11025C



292B2E



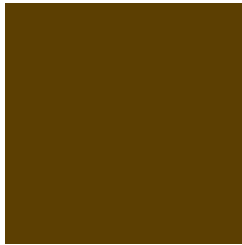
00236E



004CED

Previews

White Background



This preview shows how the Hex color 5C3F02 looks on a white background.

Color Contrast Check

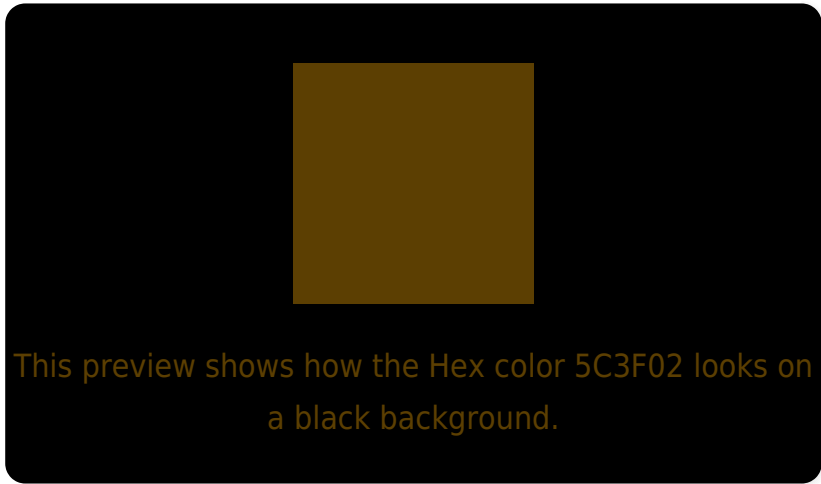
Large Text (above 18pt) WCAG AA ✓ Pass

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

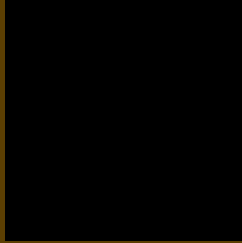
Any Text WCAG AA × Fail

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 5C3F02 Background



This preview shows how black text looks on a background with the Hex color 5C3F02.



This preview shows how white text looks on a background with the Hex color 5C3F02.

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
5C3F02

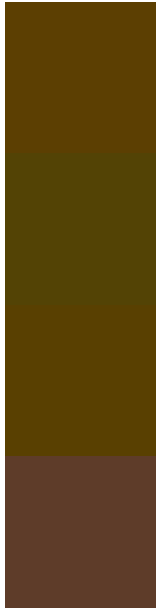
Protanopia
4E4506

Deuteranopia
574100



Tritanopia
5F3B3F

Trichromacy



Original Color
5C3F02

Protanomaly
534305

Deuteranomaly
594001

Tritanomaly
5E3C29

Monochromacy



Original Color
5C3F02

Achromatopsia
414141

Achromatomaly
4B402A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C3F02 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 #5C3F02 looks like.

```
.text, #text, p{  
    color:#5C3F02  
}
```

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 #5C3F02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C3F02
}
```

Border

The CSS property to change the border of an element to Hex 5C3F02 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
#5C3F02 }
```

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

```
.border{ border-color:#5C3F02 }
```

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

Here you see how a box with a 4 pixel #5C3F02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C3F02; -webkit-box-shadow:4px 4px  
4px 4px #5C3F02; box-shadow:4px 4px 4px  
4px #5C3F02 }
```

Background

The CSS property to change the background color of an element to Hex 5C3F02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C3F02 }
```

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

```
.background{ background-color:#5C3F02 }
```

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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