

Converting Colors

Hex(5F3C00)

Have a look what the booklet for
Hex(5F3C00) contains.

Hex(5F3C00)	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(5F3C00)

Conversions

Conversions Part 1

Format	Color
Hex	5F3C00
RGB	95, 60, 0
RGB Percent	37%, 24%, 0%
CMY	0.6275, 0.7647, 1.0000
CMYK	0.00, 0.37, 1.00, 0.63
HSL	38°, 100%, 19%
HSV	38°, 100%, 37%
XYZ	6.3352, 5.6646, 0.7595
YIQ	63.6250, 40.1200, -11.2400

Conversions

Conversions Part 2

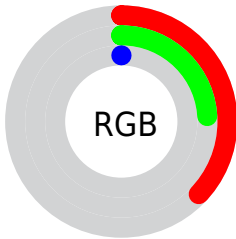
Format	Color
R_{YB}	55, 95, 0
Decimal	6241280
CIE Lab	28.55, 10.70, 38.36
CIE LCh	29, 39.825, 74.414
Yxy	5.6646, 0.4965, 0.4440
Android (android.graphics.Color)	4284431360 (0xFF5F3C00)
YUV	63.6250, -31.3671, 27.5159
Hunter-Lab	23.8004, 5.8621, 14.7684

Details

The Hex color **5F3C00** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **00235F**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **966B31**, and **2B1200** is the 20% darker color. If you saturate the color by 10%, you get **5F3C00**, and if you desaturate by 10%, it is **5F4009**.

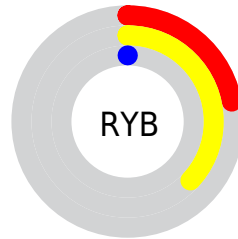
Distribution



Red (37%)

Green (24%)

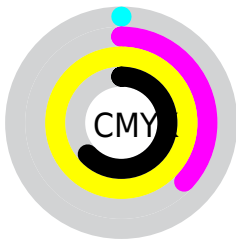
Blue (0%)



Red (22%)

Yellow (37%)

Blue (0%)

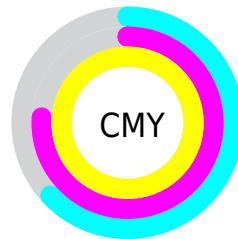


Cyan (0%)

Magenta (37%)

Yellow (100%)

Black (63%)



Cyan (63%)

Magenta (76%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F3C00 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 5F3C00 by changing the saturation by 10% instead.

 5F3C00

 5F3C00

 FFFFE9

 452600

 966B31

 2B1200

 B28449

 0C0000

 CF9F62

 000000

 ECB97B

 FFD596

 FFF1B1

 FFFFCC

 5F3C00

■ 5F4009

■ 5F4313

■ 5F471D

■ 5F4A26

■ 5F4E30

■ 5F5139

■ 5F5543

■ 5F584C

■ 5F5C56

Harmonies

Analogous

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



722F19



5F3C00



444600

Triad

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



5F3C00



005152



573470

Complementary

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



5F3C00



00235F

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.



1C427F



5F3C00



00506E

Square

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



5F3C00



005032



004B7F



722755

Rectangle

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



5F3C00



2E4B09



004B7F



493976

Sweetspot

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



5F3C00



7A6D56



5F0024



3D3527



BDBDBD



3D3D3D

Same Dimension

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



5F3C00



7A4D00



545F00



302F2C



704700



F09700

Inverse Universe

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



00235F



002D7A



0B005F



2C2D30



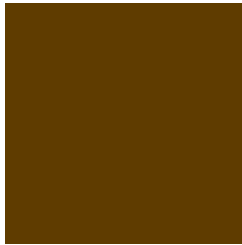
002970



0058F0

Previews

White Background



This preview shows how the Hex color 5F3C00 looks on a white background.

Color Contrast Check

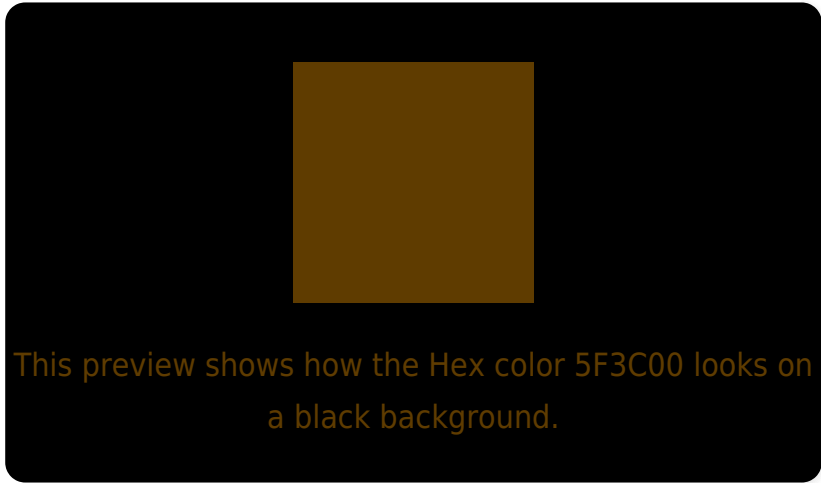
Large Text (above 18pt) WCAG AA ✓ Pass

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

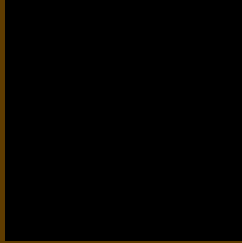
Any Text WCAG AA × Fail

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 5F3C00 Background



This preview shows how black text looks on a background with the Hex color 5F3C00.



This preview shows how white text looks on a background with the Hex color 5F3C00.

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
5F3C00

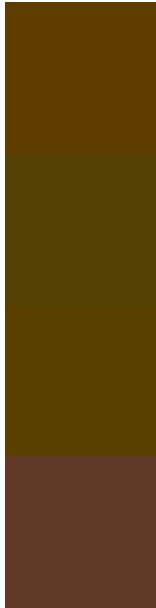
Protanopia
4D4407

Deuteranopia
564000



Tritanopia
61383C

Trichromacy



Original Color
5F3C00

Protanomaly
544104

Deuteranomaly
593F00

Tritanomaly
603926

Monochromacy



Original Color
5F3C00

Achromatopsia
404040

Achromatomaly
4B3F29

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F3C00 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 #5F3C00 looks like.

```
.text, #text, p{  
    color:#5F3C00  
}
```

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 #5F3C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F3C00
}
```

Border

The CSS property to change the border of an element to Hex 5F3C00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

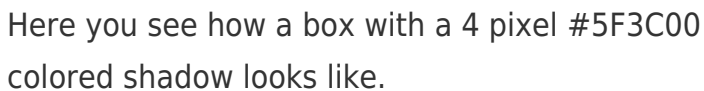
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F3C00 }
```

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

```
.border{ border-color:#5F3C00 }
```

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



Here you see how a box with a 4 pixel #5F3C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F3C00; -webkit-box-shadow:4px 4px  
4px 4px #5F3C00; box-shadow:4px 4px 4px  
4px #5F3C00 }
```

Background

The CSS property to change the background color of an element to Hex 5F3C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F3C00 }
```

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

```
.background{ background-color:#5F3C00 }
```

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