

Converting Colors

Hex(5F3833)

Have a look what the booklet for
Hex(5F3833) contains.

Hex(5F3833)	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(5F3833)

Conversions

Conversions Part 1

Format	Color
Hex	5F3833
RGB	95, 56, 51
RGB Percent	37%, 22%, 20%
CMY	0.6275, 0.7804, 0.8000
CMYK	0.00, 0.41, 0.46, 0.63
HSL	7°, 30%, 29%
HSV	7°, 46%, 37%
XYZ	6.7310, 5.5003, 3.8389
YIQ	67.0910, 24.8490, 6.7130

Conversions

Conversions Part 2

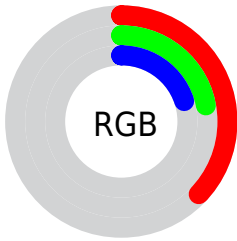
Format	Color
R_{YB}	95, 57, 51
Decimal	6240307
CIE Lab	28.11, 16.71, 10.48
CIE LCh	28, 19.727, 32.088
Yxy	5.5003, 0.4189, 0.3423
Android (android.graphics.Color)	4284430387 (0xFF5F3833)
YUV	67.0910, -7.9329, 24.4762
Hunter-Lab	23.4526, 10.1883, 6.7119

Details

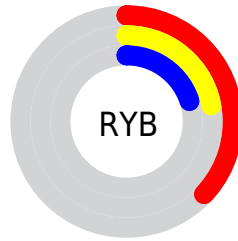
The Hex color **5F3833** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **335A5F**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **936761**, and **2F0D05** is the 20% darker color. If you saturate the color by 10%, you get **5F302A**, and if you desaturate by 10%, it is **5F403D**.

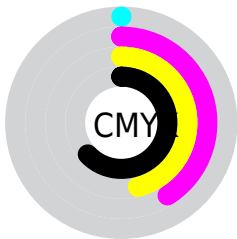
Distribution



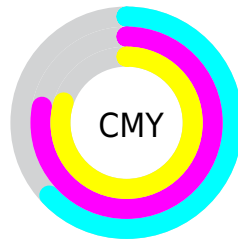
- Red (37%)
- Green (22%)
- Blue (20%)



- Red (37%)
- Yellow (22%)
- Blue (20%)



- Cyan (0%)
- Magenta (41%)
- Yellow (46%)
- Black (63%)



- Cyan (63%)
- Magenta (78%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F3833 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 5F3833 by changing the saturation by 10% instead.

■ 5F3833

■ 5F3833

FFFFFF

■ 46221E

■ 936761

■ 2F0D05

■ AE817A

■ 140000

■ CA9B94

■ 000000

■ E7B6AF

■ FFD1CA

■ FFEEE6

■ 5F3833

■ 5F3833

■ 5F302A

■ 5F403D

■ 5F2720

■ 5F4946

■ 5F1F16

■ 5F5150

■ 5F160D

■ 5F5A59

■ 5F0E03

■ 5F6262

■ 5F0B00

■ 5F6B6C

■ 5F7376

■ 5F7B7F

■ 5F8489

Harmonies

Analogous

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



5F3642



5F3833



583C28

Triad

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



5F3833



294934



2E4360

Complementary

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



5F3833



335A5F

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.



12485D



5F3833



134A43

Square

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



5F3833



3B4628



004A52



453E5C

Rectangle

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



5F3833



504024



004A52



254560

Sweetspot

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



5F3833



7A6B69



5F335B



3D3433



BDBDBD



3D3D3D

Same Dimension

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



5F3833



7A3E36



5F4D33



302C2C



700D00



F01B00

Inverse Universe

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



335A5F



36737A



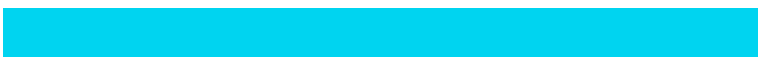
33455F



2C3030



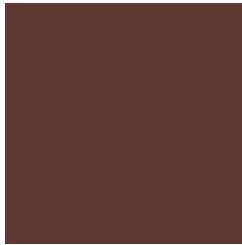
006370



00D4F0

Previews

White Background



This preview shows how the Hex color 5F3833 looks on a white background.

Color Contrast Check

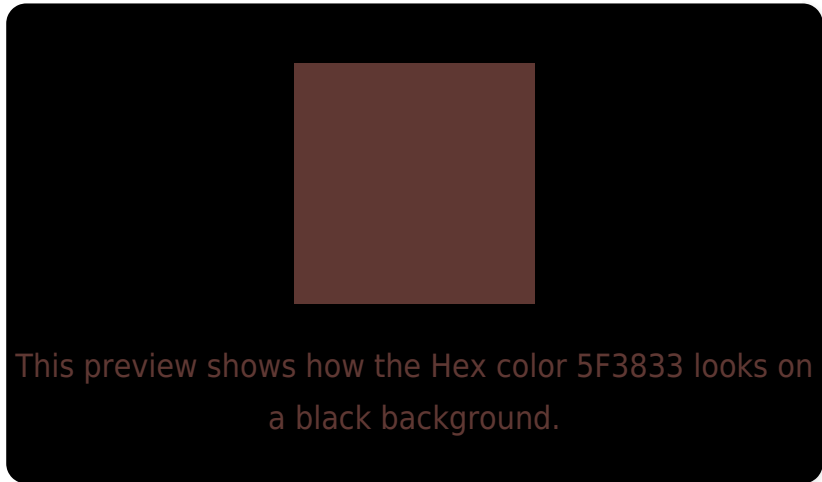
Large Text (above 18pt) WCAG AA ✓ Pass

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 5F3833 Background



This preview shows how black text looks on a background with the Hex color 5F3833.

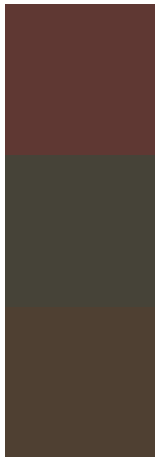


This preview shows how white text looks on a background with the Hex color 5F3833.

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
5F3833

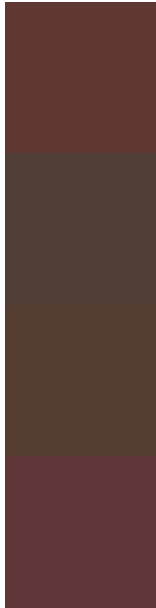
Protanopia
464338

Deuteranopia
4F4032



Tritanopia
60373B

Trichromacy



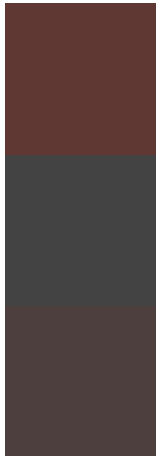
Original Color
5F3833

Protanomaly
4F3F36

Deuteranomaly
553D32

Tritanomaly
603738

Monochromacy



Original Color
5F3833

Achromatopsia
434343

Achromatomaly
4D3F3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F3833 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 #5F3833 looks like.

```
.text, #text, p{  
    color:#5F3833  
}
```

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 #5F3833 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F3833
}
```

Border

The CSS property to change the border of an element to Hex 5F3833 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".

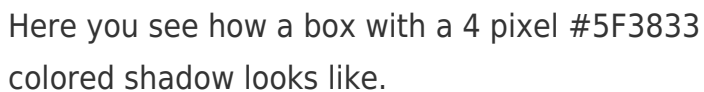
```
.border, #border, table{ border:4px solid
#5F3833 }
```

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

```
.border{ border-color:#5F3833 }
```

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

Here you see how a box with a 4 pixel #5F3833 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F3833; -webkit-box-shadow:4px 4px  
4px 4px #5F3833; box-shadow:4px 4px 4px  
4px #5F3833 }
```

Background

The CSS property to change the background color of an element to Hex 5F3833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F3833 }
```

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

```
.background{ background-color:#5F3833 }
```

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