

Converting Colors

Hex(5B3833)

Have a look what the booklet for
Hex(5B3833) contains.

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Color

Hex(5B3833)

Conversions

Conversions Part 1

Format	Color
Hex	5B3833
RGB	91, 56, 51
RGB Percent	36%, 22%, 20%
CMY	0.6431, 0.7804, 0.8000
CMYK	0.00, 0.38, 0.44, 0.64
HSL	7°, 28%, 28%
HSV	7°, 44%, 36%
XYZ	6.3261, 5.2915, 3.8199
YIQ	65.8950, 22.4650, 5.8650

Conversions

Conversions Part 2

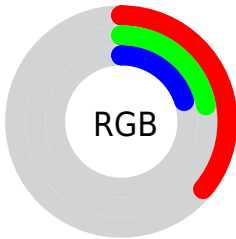
Format	Color
RYB	91, 57, 51
Decimal	5978163
CIELab	27.55, 14.92, 9.61
CIELCh	28, 17.745, 32.801
Yxy	5.2915, 0.4098, 0.3428
Android (android.graphics.Color)	4284168243 (0xFF5B3833)
YUV	65.8950, -7.3432, 22.0171
Hunter-Lab	23.0033, 8.8333, 6.2566

Details

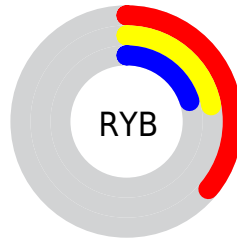
The Hex color **5B3833** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **33565B**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **8F6761**, and **2C0D05** is the 20% darker color. If you saturate the color by 10%, you get **5B302A**, and if you desaturate by 10%, it is **5B403C**.

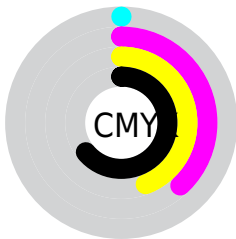
Distribution



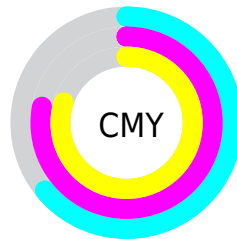
- Red (36%)
- Green (22%)
- Blue (20%)



- Red (36%)
- Yellow (22%)
- Blue (20%)



- Cyan (0%)
- Magenta (38%)
- Yellow (44%)
- Black (64%)



- Cyan (64%)
- Magenta (78%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B3833 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 5B3833 by changing the saturation by 10% instead.

■ 5B3833

■ 5B3833

FFFFFF

■ 42221E

■ 8F6761

■ 2C0D05

■ AA817A

■ 0B0000

■ C59B94

■ 000000

■ E2B6AF

■ FFD1CA

■ FFEDE6

■ 5B3833

■ 5B3833

■ 5B302A

■ 5B403C

■ 5B2821

■ 5B4845

■ 5B2018

■ 5B504E

■ 5B180F

■ 5B5857

■ 5B1006

■ 5B6061

■ 5B0B00

■ 5B686A

■ 5B7073

■ 5B787C

■ 5B8085

Harmonies

Analogous

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



5B3740



5B3833



543C29

Triad

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



5B3833



2A4734



30425C

Complementary

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



5B3833



33565B

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.



1A4659



5B3833



194842

Square

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



5B3833



3B452A



0E484F



443D58

Rectangle

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



5B3833



4D3F26



0E484F



29435C

Sweetspot

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



5B3833



756866



5B3356



3B3231



BABABA



3B3B3B

Same Dimension

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



5B3833



753F37



5B4C33



2E2A29



6E0E00



ED1E00

Inverse Universe

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



33565B



376E75



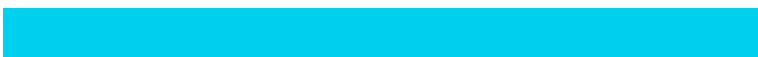
33425B



292D2E



00606E



00D0ED

Previews

White Background



This preview shows how the Hex color 5B3833 looks on a white background.

Color Contrast Check

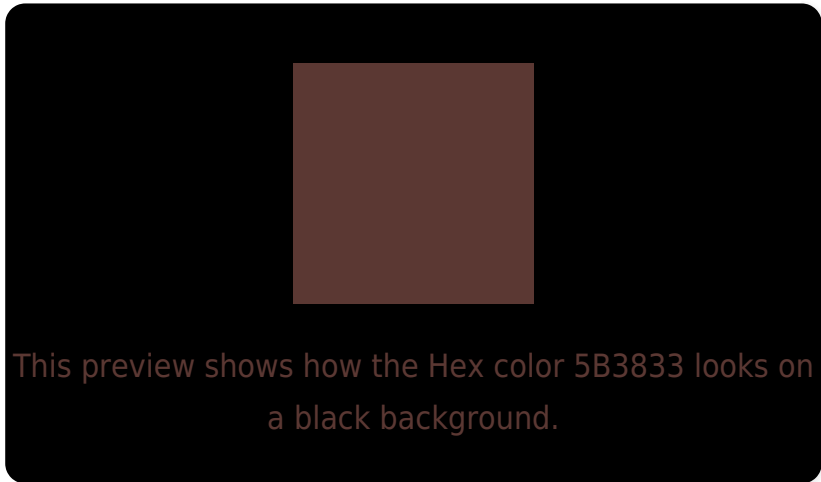
Large Text (above 18pt) WCAG AA ✓ Pass

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

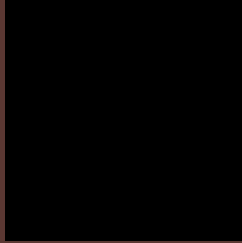
Any Text WCAG AA × Fail

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 5B3833 Background



This preview shows how black text looks on a background with the Hex color 5B3833.

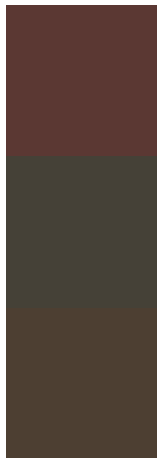


This preview shows how white text looks on a background with the Hex color 5B3833.

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
5B3833

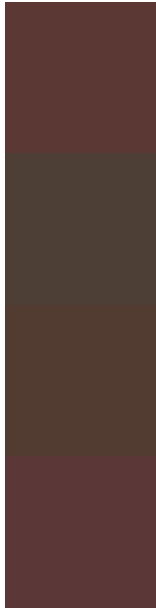
Protanopia
454137

Deuteranopia
4D3F32



Tritanopia
5C373B

Trichromacy



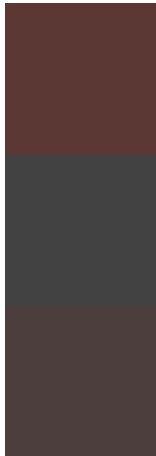
Original Color
5B3833

Protanomaly
4D3E36

Deuteranomaly
523C32

Tritanomaly
5C3738

Monochromacy



Original Color
5B3833

Achromatopsia
424242

Achromatomaly
4B3E3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B3833 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 #5B3833 looks like.

```
.text, #text, p{  
    color:#5B3833  
}
```

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 #5B3833 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B3833
}
```

Border

The CSS property to change the border of an element to Hex 5B3833 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".

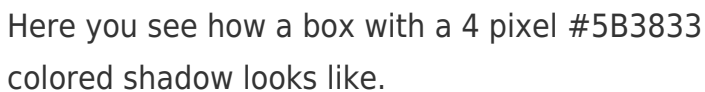
```
.border, #border, table{ border:4px solid
#5B3833 }
```

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

```
.border{ border-color:#5B3833 }
```

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

Here you see how a box with a 4 pixel #5B3833 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B3833; -webkit-box-shadow:4px 4px  
4px 4px #5B3833; box-shadow:4px 4px 4px  
4px #5B3833 }
```

Background

The CSS property to change the background color of an element to Hex 5B3833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B3833 }
```

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

```
.background{ background-color:#5B3833 }
```

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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