

Converting Colors

Hex(5A3833)

Have a look what the booklet for
Hex(5A3833) contains.

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Color

Hex(5A3833)

Conversions

Conversions Part 1

Format	Color
Hex	5A3833
RGB	90, 56, 51
RGB Percent	35%, 22%, 20%
CMY	0.6471, 0.7804, 0.8000
CMYK	0.00, 0.38, 0.43, 0.65
HSL	8°, 28%, 28%
HSV	8°, 43%, 35%
XYZ	6.2282, 5.2410, 3.8153
YIQ	65.5960, 21.8690, 5.6530

Conversions

Conversions Part 2

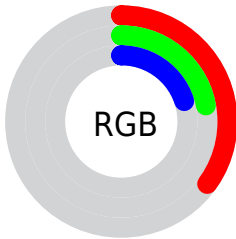
Format	Color
R_{YB}	90, 57, 51
Decimal	5912627
CIE _{Lab}	27.41, 14.46, 9.40
CIE _{LCh}	27, 17.249, 33.019
Yxy	5.2410, 0.4075, 0.3429
Android (android.graphics.Color)	4284102707 (0xFF5A3833)
YUV	65.5960, -7.1958, 21.4023
Hunter-Lab	22.8933, 8.4981, 6.1442

Details

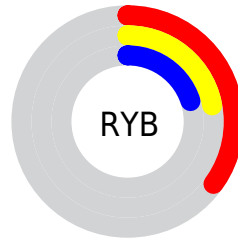
The Hex color **5A3833** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **33555A**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **8E6761**, and **2B0D05** is the 20% darker color. If you saturate the color by 10%, you get **5A302A**, and if you desaturate by 10%, it is **5A403C**.

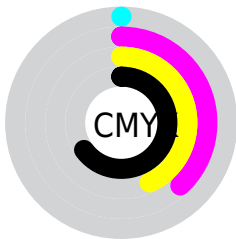
Distribution



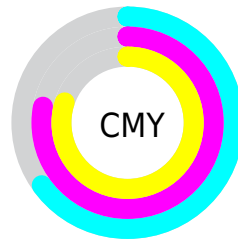
- Red (35%)
- Green (22%)
- Blue (20%)



- Red (35%)
- Yellow (22%)
- Blue (20%)



- Cyan (0%)
- Magenta (38%)
- Yellow (43%)
- Black (65%)



- Cyan (65%)
- Magenta (78%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A3833 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 5A3833 by changing the saturation by 10% instead.

■ 5A3833

■ 5A3833

FFFFFF

■ 42221E

■ 8E6761

■ 2B0D05

■ A8807A

■ 090000

■ C49B94

■ 000000

■ E0B5AF

■ FDD1CA

■ FFEDE6

■ 5A3833

■ 5A3833

■ 5A302A

■ 5A403C

■ 5A2821

■ 5A4845

■ 5A2018

■ 5A504E

■ 5A190F

■ 5A5757

■ 5A1106

■ 5A5F60

■ 5A0C00

■ 5A6769

■ 5A6F72

■ 5A777B

■ 5A7F84

Harmonies

Analogous

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



5A3740



5A3833



543C2A

Triad

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



5A3833



2B4734



31425B

Complementary

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



5A3833



33555A

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.



1C4558



5A3833



1B4842

Square

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



5A3833



3A442A



11474F



443D57

Rectangle

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



5A3833



4D3F27



11474F



2A435B

Sweetspot

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



5A3833



756866



5A3355



3B3231



BABABA



3B3B3B

Same Dimension

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



5A3833



754038



5A4B33



2E2A29



6E0E00



ED1E00

Inverse Universe

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



33555A



386D75



33425A



292D2E



00606E



00CFED

Previews

White Background



This preview shows how the Hex color 5A3833 looks on a white background.

Color Contrast Check

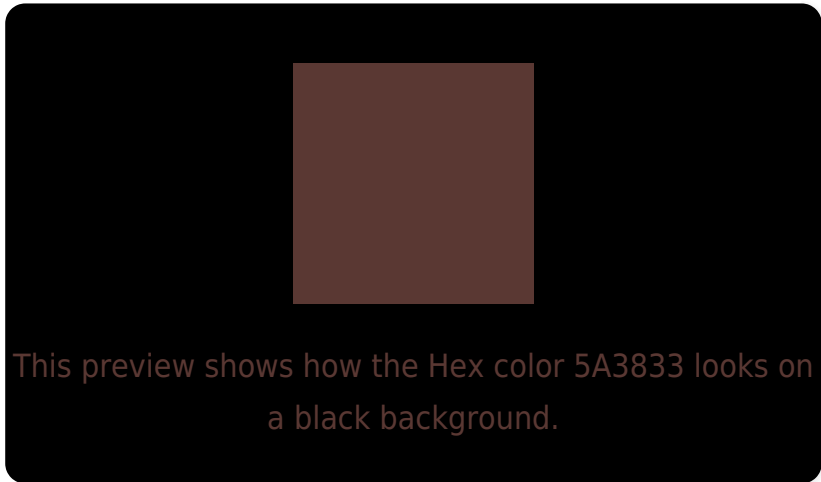
Large Text (above 18pt) WCAG AA ✓ Pass

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 5A3833 Background



This preview shows how black text looks on a background with the Hex color 5A3833.

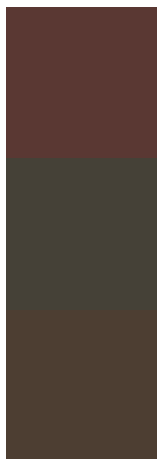


This preview shows how white text looks on a background with the Hex color 5A3833.

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
5A3833

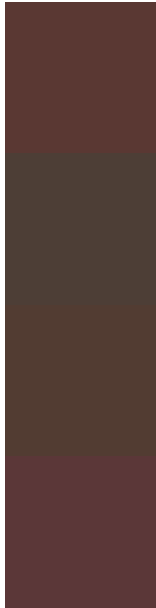
Protanopia
454137

Deuteranopia
4D3E32



Tritanopia
5B373B

Trichromacy



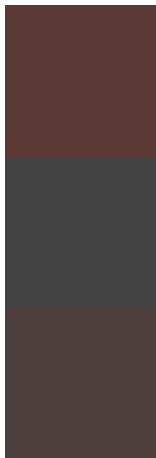
Original Color
5A3833

Protanomaly
4D3E36

Deuteranomaly
523C32

Tritanomaly
5B3738

Monochromacy



Original Color
5A3833

Achromatopsia
424242

Achromatomaly
4B3E3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A3833 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 #5A3833 looks like.

```
.text, #text, p{  
    color:#5A3833  
}
```

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 #5A3833 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A3833
}
```

Border

The CSS property to change the border of an element to Hex 5A3833 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".

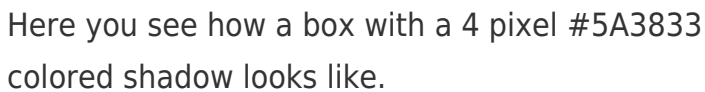
```
.border, #border, table{ border:4px solid
#5A3833 }
```

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

```
.border{ border-color:#5A3833 }
```

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

Here you see how a box with a 4 pixel #5A3833 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A3833; -webkit-box-shadow:4px 4px  
4px 4px #5A3833; box-shadow:4px 4px 4px  
4px #5A3833 }
```

Background

The CSS property to change the background color of an element to Hex 5A3833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A3833 }
```

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

```
.background{ background-color:#5A3833 }
```

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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