

Converting Colors

Hex(5E3E3A)

Have a look what the booklet for
Hex(5E3E3A) contains.

Hex(5E3E3A)	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(5E3E3A)

Conversions

Conversions Part 1

Format	Color
Hex	5E3E3A
RGB	94, 62, 58
RGB Percent	37%, 24%, 23%
CMY	0.6314, 0.7569, 0.7725
CMYK	0.00, 0.34, 0.38, 0.63
HSL	7°, 24%, 30%
HSV	7°, 38%, 37%
XYZ	7.1024, 6.1304, 4.8119
YIQ	71.1120, 20.3560, 5.5400

Conversions

Conversions Part 2

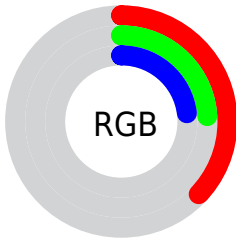
Format	Color
RYB	94, 63, 58
Decimal	6176314
CIELab	29.74, 13.45, 8.15
CIELCh	30, 15.726, 31.216
Yxy	6.1304, 0.3936, 0.3397
Android (android.graphics.Color)	4284366394 (0xFF5E3E3A)
YUV	71.1120, -6.4642, 20.0728
Hunter-Lab	24.7597, 7.8742, 5.8090

Details

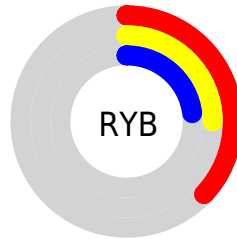
The Hex color **5E3E3A** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3A5A5E**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **926E69**, and **2E130F** is the 20% darker color. If you saturate the color by 10%, you get **5E3631**, and if you desaturate by 10%, it is **5E4643**.

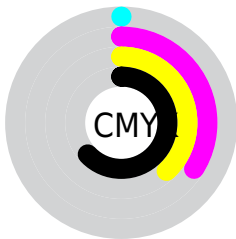
Distribution



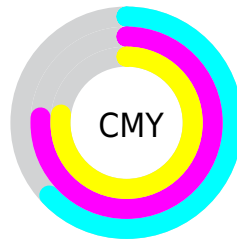
- Red (37%)
- Green (24%)
- Blue (23%)



- Red (37%)
- Yellow (25%)
- Blue (23%)



- Cyan (0%)
- Magenta (34%)
- Yellow (38%)
- Black (63%)



- Cyan (63%)
- Magenta (76%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E3E3A 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 5E3E3A by changing the saturation by 10% instead.

 5E3E3A

 5E3E3A

FFFFFF

 462824

 926E69

 2E130F

 AD8782

 190001

 C8A29C

 000000

 E5BDB7

 FFD8D3

 FFF5EF

 5E3E3A

 5E3E3A

 5E3631

 5E4643

■ 5E2D27

■ 5E4F4D

■ 5E251E

■ 5E5756

■ 5E1D14

■ 5E5F60

■ 5E140B

■ 5E6869

■ 5E0C02

■ 5E7072

■ 5E0A00

■ 5E787C

■ 5E8185

■ 5E898F

Harmonies

Analogous

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



5D3D46



5E3E3A



584131

Triad

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



5E3E3A



334C3A



37475E

Complementary

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



5E3E3A



3A5A5E

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.



264A5B



5E3E3A



264D46

Square

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



5E3E3A



414931



1F4C52



48435B

Rectangle

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



5E3E3A



52442E



1F4C52



31485E

Sweetspot

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



5E3E3A



7A6E6D



5E3A5A



3D3635



BDBDBD



3D3D3D

Same Dimension

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



5E3E3A



7A4842



5E503A



2E2A29



6E0C00



ED1A00

Inverse Universe

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



3A5A5E



42747A



3A485E



292D2E



00616E



00D3ED

Previews

White Background



This preview shows how the Hex color 5E3E3A looks on a white background.

Color Contrast Check

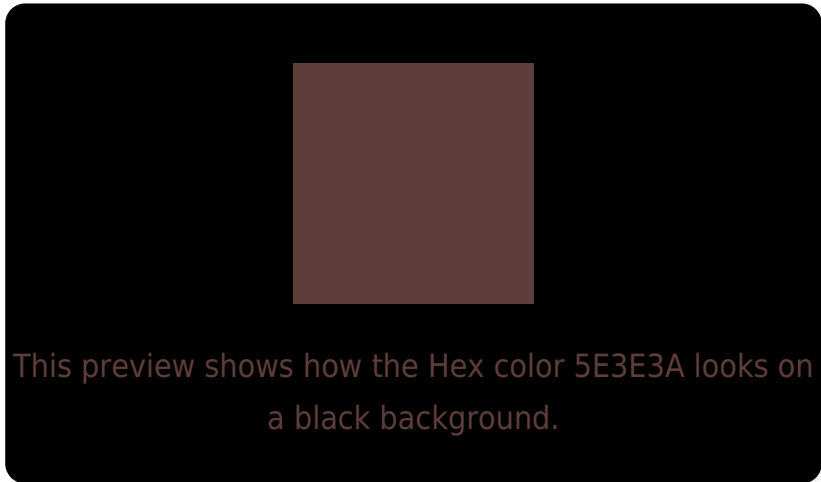
Large Text (above 18pt) WCAG AA ✓ Pass

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

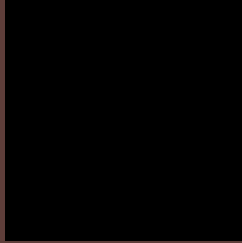
Any Text WCAG AA × Fail

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 5E3E3A Background



This preview shows how black text looks on a background with the Hex color 5E3E3A.

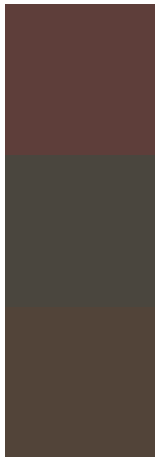


This preview shows how white text looks on a background with the Hex color 5E3E3A.

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
5E3E3A

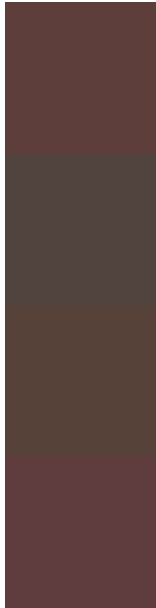
Protanopia
4A463E

Deuteranopia
524439



Tritanopia
5F3D41

Trichromacy



Original Color

5E3E3A

Protanomaly

51433D

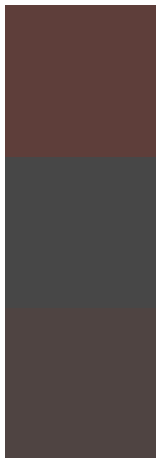
Deuteranomaly

564239

Tritanomaly

5F3D3E

Monochromacy



Original Color

5E3E3A

Achromatopsia

474747

Achromatomaly

4F4442

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E3E3A 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 #5E3E3A looks like.

```
.text, #text, p{  
    color:#5E3E3A  
}
```

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 #5E3E3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E3E3A
}
```

Border

The CSS property to change the border of an element to Hex 5E3E3A is called "border". The border property can be set on classes, ids or directly on the HTML element.

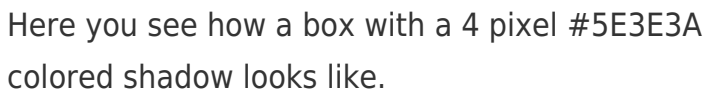
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E3E3A }
```

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

```
.border{ border-color:#5E3E3A }
```

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



Here you see how a box with a 4 pixel #5E3E3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E3E3A; -webkit-box-shadow:4px 4px  
4px 4px #5E3E3A; box-shadow:4px 4px 4px  
4px #5E3E3A }
```

Background

The CSS property to change the background color of an element to Hex 5E3E3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E3E3A }
```

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

```
.background{ background-color:#5E3E3A }
```

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