

Converting Colors

Hex(5E3838)

Have a look what the booklet for
Hex(5E3838) contains.

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Color

Hex(5E3838)

Conversions

Conversions Part 1

Format	Color
Hex	5E3838
RGB	94, 56, 56
RGB Percent	37%, 22%, 22%
CMY	0.6314, 0.7804, 0.7804
CMYK	0.00, 0.40, 0.40, 0.63
HSL	0°, 25%, 29%
HSV	0°, 40%, 37%
XYZ	6.7441, 5.4936, 4.4463
YIQ	67.3620, 22.6480, 8.0560

Conversions

Conversions Part 2

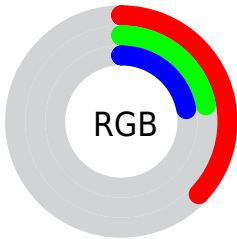
Format	Color
RYB	94, 56, 56
Decimal	6174776
CIELab	28.10, 16.92, 7.16
CIELCh	28, 18.375, 22.924
Yxy	5.4936, 0.4042, 0.3293
Android (android.graphics.Color)	4284364856 (0xFF5E3838)
YUV	67.3620, -5.6015, 23.3615
Hunter-Lab	23.4383, 10.3440, 5.1594

Details

The Hex color **5E3838** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **385E5E**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **926767**, and **2E0D0D** is the 20% darker color. If you saturate the color by 10%, you get **5E2F2F**, and if you desaturate by 10%, it is **5E4141**.

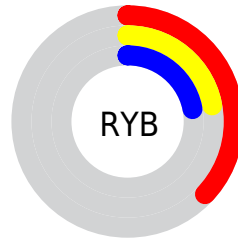
Distribution



Red (37%)

Green (22%)

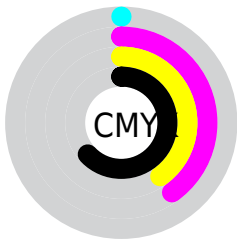
Blue (22%)



Red (37%)

Yellow (22%)

Blue (22%)

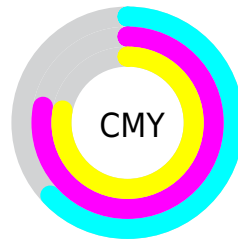


Cyan (0%)

Magenta (40%)

Yellow (40%)

Black (63%)



Cyan (63%)

Magenta (78%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E3838 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 5E3838 by changing the saturation by 10% instead.

■ 5E3838

■ 5E3838

FFFFFF

■ 452223

■ 926767

■ 2E0D0D

■ AD8180

■ 140000

■ C99B9A

■ 000000

■ E5B6B5

■ FFD1D0

■ FFEEEC

■ 5E3838

■ 5E3838

■ 5E2F2F

■ 5E4141

■ 5E2525

■ 5E4B4B

■ 5E1C1C

■ 5E5454

■ 5E1212

■ 5E5E5E

■ 5E0909

■ 5E6767

■ 5E0000

■ 5E7070

■ 5E7A7A

■ 5E8383

■ 5E8D8D

Harmonies

Analogous

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



5B3846



5E3838



593B2C

Triad

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



5E3838



304831



29455E

Complementary

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



5E3838



385E5E

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.



124858



5E3838



1F4A3E

Square

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



5E3838



414528



0E4A4D



3F405C

Rectangle

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



5E3838



533F27



0E4A4D



21465D

Sweetspot

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



5E3838



7A6C6C



5E385E



3D3535



BDBDBD



3D3D3D

Same Dimension

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



5E3838



7A3E3E



5E4B38



2E2929



6E0000



ED0000

Inverse Universe

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



385E5E



3E7A7A



384B5E



292E2E



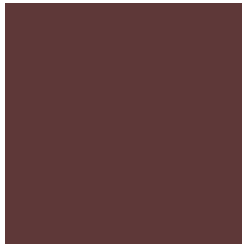
006E6E



00EDED

Previews

White Background



This preview shows how the Hex color 5E3838 looks on a white background.

Color Contrast Check

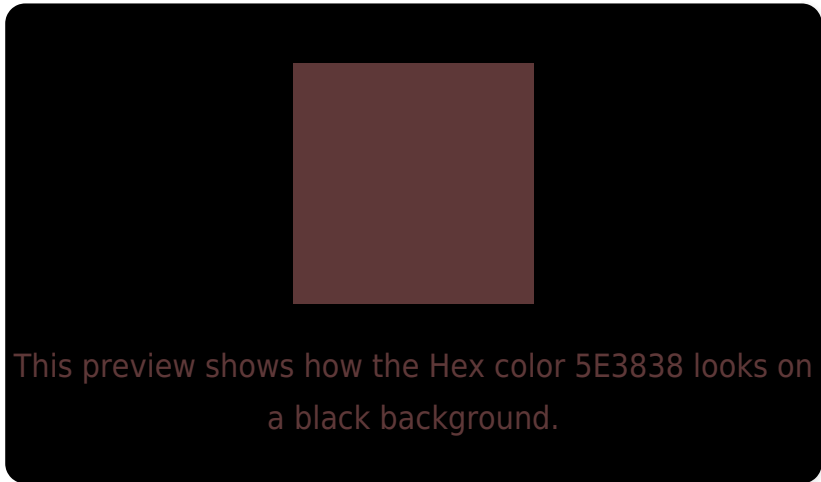
Large Text (above 18pt) WCAG AA ✓ Pass

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 5E3838 Background



This preview shows how black text looks on a background with the Hex color 5E3838.



This preview shows how white text looks on a background with the Hex color 5E3838.

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
5E3838

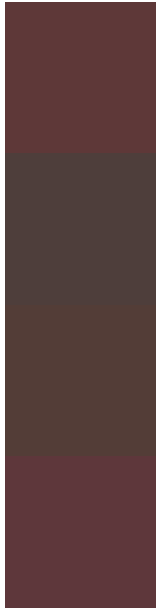
Protanopia
45423D

Deuteranopia
4D4037



Tritanopia
5E373C

Trichromacy



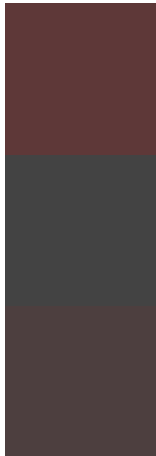
Original Color
5E3838

Protanomaly
4E3E3B

Deuteranomaly
533D37

Tritanomaly
5E373B

Monochromacy



Original Color
5E3838

Achromatopsia
434343

Achromatomaly
4D3F3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E3838 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 #5E3838 looks like.

```
.text, #text, p{  
    color:#5E3838  
}
```

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 #5E3838 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E3838
}
```

Border

The CSS property to change the border of an element to Hex 5E3838 is called "border". The border property can be set on classes, ids or directly on the HTML element.

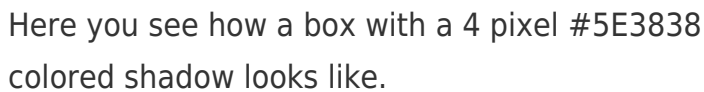
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E3838 }
```

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

```
.border{ border-color:#5E3838 }
```

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



Here you see how a box with a 4 pixel #5E3838 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E3838; -webkit-box-shadow:4px 4px  
4px 4px #5E3838; box-shadow:4px 4px 4px  
4px #5E3838 }
```

Background

The CSS property to change the background color of an element to Hex 5E3838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E3838 }
```

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

```
.background{ background-color:#5E3838 }
```

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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