

Converting Colors

Hex(5E5737)

Have a look what the booklet for
Hex(5E5737) contains.

Hex(5E5737)	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(5E5737)

Conversions

Conversions Part 1

Format	Color
Hex	5E5737
RGB	94, 87, 55
RGB Percent	37%, 34%, 22%
CMY	0.6314, 0.6588, 0.7843
CMYK	0.00, 0.07, 0.41, 0.63
HSL	49°, 26%, 29%
HSV	49°, 41%, 37%
XYZ	8.7139, 9.4719, 4.9834
YIQ	85.4450, 14.4440, -8.4680

Conversions

Conversions Part 2

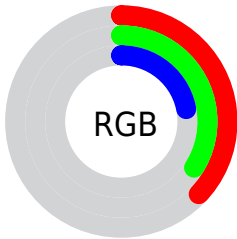
Format	Color
RYB	64, 94, 55
Decimal	6182711
CIELab	36.88, -2.46, 19.63
CIElCh	37, 19.782, 97.157
Yxy	9.4719, 0.3761, 0.4088
Android (android.graphics.Color)	4284372791 (0xFF5E5737)
YUV	85.4450, -15.0094, 7.5027
Hunter-Lab	30.7765, -3.3193, 11.9431

Details

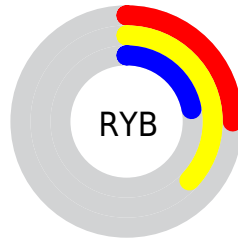
The Hex color **5E5737** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **373E5E**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **918966**, and **2F2A0B** is the 20% darker color. If you saturate the color by 10%, you get **5E552E**, and if you desaturate by 10%, it is **5E5940**.

Distribution



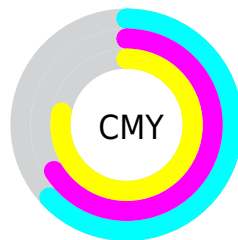
- Red (37%)
- Green (34%)
- Blue (22%)



- Red (25%)
- Yellow (37%)
- Blue (22%)



- Cyan (0%)
- Magenta (7%)
- Yellow (41%)
- Black (63%)



- Cyan (63%)
- Magenta (66%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E5737 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 5E5737 by changing the saturation by 10% instead.

■ 5E5737

■ 5E5737

FFFFFF

■ 464021

■ 918966

■ 2F2A0B

■ ACA37F

■ 191600

■ C8BE9A

■ 000000

■ E4DAB4

■ FFF6D0

■ FFFFEC

■ 5E5737

■ 5E5737

■ 5E552E

■ 5E5940

■ 5E5424

■ 5E5A4A

■ 5E521B

■ 5E5C53

■ 5E5011

■ 5E5E5D

■ 5E4F08

■ 5E5F66

■ 5E4D00

■ 5E616F

■ 5E6379

■ 5E6482

■ 5E668C

Harmonies

Analogous

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



6C523A



5E5737



4D5C3D

Triad

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



5E5737



215F69



6E4D63

Complementary

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



5E5737



373E5E

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.



5E5170



5E5737



2F5C74

Square

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



5E5737



28605A



475776



764B53

Rectangle

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



5E5737



405E45



475776



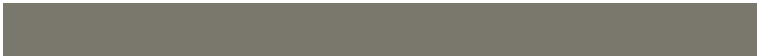
6A4E68

Sweetspot

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



5E5737



7A786C



5E373E



3D3C35



BDBDBD



3D3D3D

Same Dimension

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



5E5737



7A6F3D



525E37



2E2D29



6E5A00



EDC300

Inverse Universe

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



373E5E



3D487A



43375E



292A2E



00146E



002BED

Previews

White Background



This preview shows how the Hex color 5E5737 looks on a white background.

Color Contrast Check

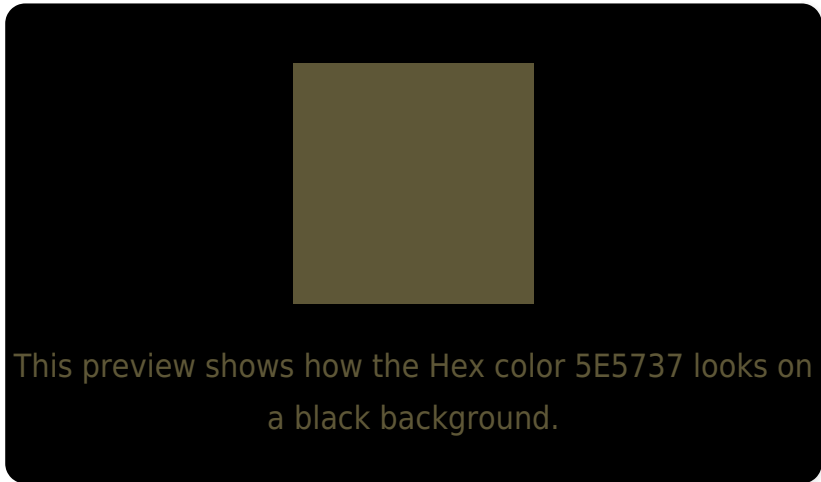
Large Text (above 18pt) WCAG AA ✓ Pass

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

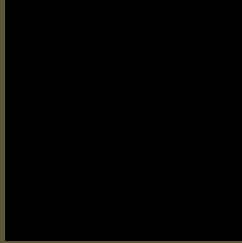
Any Text WCAG AA × Fail

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 5E5737 Background



This preview shows how black text looks on a background with the Hex color 5E5737.

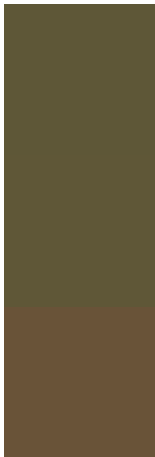


This preview shows how white text looks on a background with the Hex color 5E5737.

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
5E5737

Protanopia
5F5737

Deuteranopia
695338



Tritanopia
625359

Trichromacy



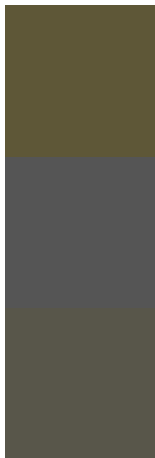
Original Color
5E5737

Protanomaly
5F5737

Deuteranomaly
655438

Tritanomaly
61544D

Monochromacy



Original Color
5E5737

Achromatopsia
555555

Achromatomaly
58564A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E5737 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 #5E5737 looks like.

```
.text, #text, p{  
    color:#5E5737  
}
```

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 #5E5737 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E5737
}
```

Border

The CSS property to change the border of an element to Hex 5E5737 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".

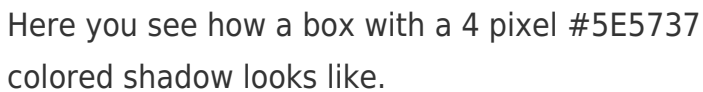
```
.border, #border, table{ border:4px solid
#5E5737 }
```

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

```
.border{ border-color:#5E5737 }
```

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

Here you see how a box with a 4 pixel #5E5737 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E5737; -webkit-box-shadow:4px 4px  
4px 4px #5E5737; box-shadow:4px 4px 4px  
4px #5E5737 }
```

Background

The CSS property to change the background color of an element to Hex 5E5737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E5737 }
```

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

```
.background{ background-color:#5E5737 }
```

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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