

Converting Colors

Hex(5E5A39)

Have a look what the booklet for
Hex(5E5A39) contains.

Hex(5E5A39)	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(5E5A39)

Conversions

Conversions Part 1

Format	Color
Hex	5E5A39
RGB	94, 90, 57
RGB Percent	37%, 35%, 22%
CMY	0.6314, 0.6471, 0.7765
CMYK	0.00, 0.04, 0.39, 0.63
HSL	54°, 25%, 30%
HSV	54°, 39%, 37%
XYZ	9.0108, 9.9874, 5.3237
YIQ	87.4340, 12.9770, -9.4150

Conversions

Conversions Part 2

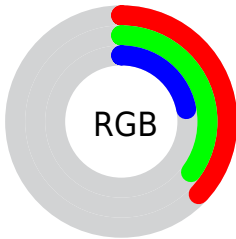
Format	Color
RYB	61, 94, 57
Decimal	6183481
CIELab	37.82, -3.99, 19.66
CIElCh	38, 20.061, 101.485
Yxy	9.9874, 0.3705, 0.4106
Android (android.graphics.Color)	4284373561 (0xFF5E5A39)
YUV	87.4340, -15.0040, 5.7584
Hunter-Lab	31.6029, -4.4102, 12.1342

Details

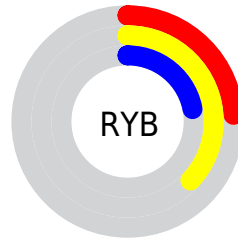
The Hex color **5E5A39** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **393D5E**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **918C69**, and **2F2D0E** is the 20% darker color. If you saturate the color by 10%, you get **5E5930**, and if you desaturate by 10%, it is **5E5B42**.

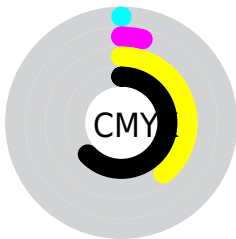
Distribution



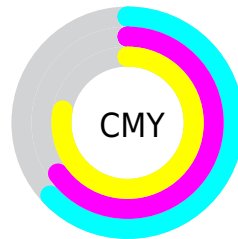
- Red (37%)
- Green (35%)
- Blue (22%)



- Red (24%)
- Yellow (37%)
- Blue (22%)



- Cyan (0%)
- Magenta (4%)
- Yellow (39%)
- Black (63%)



- Cyan (63%)
- Magenta (65%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E5A39 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 5E5A39 by changing the saturation by 10% instead.



5E5A39



5E5A39

FFFFFF



464323



918C69



2F2D0E



ACA682



1A1800



C7C19C



000000



E4DDB7



FFFAD3



FFFFEF



5E5A39



5E5A39



5E5930



5E5B42

■ 5E5826

■ 5E5C4C

■ 5E571D

■ 5E5D55

■ 5E5613

■ 5E5E5F

■ 5E550A

■ 5E5F68

■ 5E5401

■ 5E6071

■ 5E5400

■ 5E617B

■ 5E6284

■ 5E638E

Harmonies

Analogous

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



6D553B



5E5A39



4C5E40

Triad

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



5E5A39



23616E



734E64

Complementary

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



5E5A39



393D5E

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.



635371



5E5A39



345D77

Square

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



5E5A39



28625F



4D5879



794D53

Rectangle

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



5E5A39



3F6049



4D5879



6E4F69

Sweetspot

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



5E5A39



7A796C



5E393D



3D3C35



BDBDBD



3D3D3D

Same Dimension

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



5E5A39



7A7441



505E39



2E2D29



6E6200



EDD400

Inverse Universe

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



393D5E



41477A



47395E



292A2E



000C6E



001AED

Previews

White Background



This preview shows how the Hex color 5E5A39 looks on a white background.

Color Contrast Check

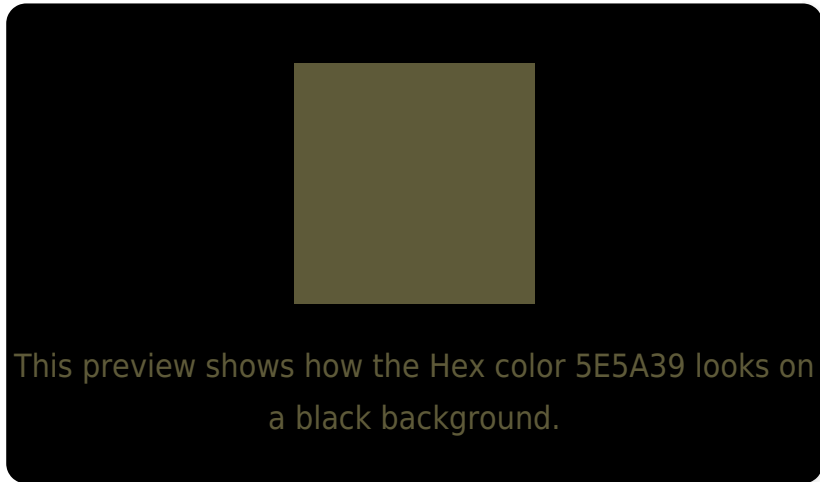
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

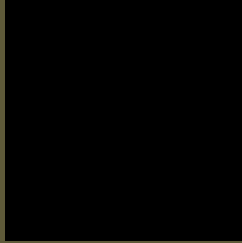
Any Text WCAG AA × Fail

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 5E5A39 Background



This preview shows how black text looks on a background with the Hex color 5E5A39.

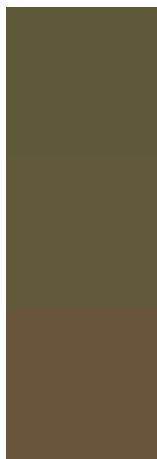


This preview shows how white text looks on a background with the Hex color 5E5A39.

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
5E5A39

Protanopia
615939

Deuteranopia
6B553A



Tritanopia
62565C

Trichromacy



Original Color
5E5A39

Protanomaly
605939

Deuteranomaly
66573A

Tritanomaly
61574F

Monochromacy



Original Color
5E5A39

Achromatopsia
575757

Achromatomaly
5A584C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E5A39 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 #5E5A39 looks like.

```
.text, #text, p{  
    color:#5E5A39  
}
```

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 #5E5A39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E5A39
}
```

Border

The CSS property to change the border of an element to Hex 5E5A39 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
#5E5A39 }
```

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

```
.border{ border-color:#5E5A39 }
```

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

Here you see how a box with a 4 pixel #5E5A39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E5A39; -webkit-box-shadow:4px 4px  
4px 4px #5E5A39; box-shadow:4px 4px 4px  
4px #5E5A39 }
```

Background

The CSS property to change the background color of an element to Hex 5E5A39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E5A39 }
```

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

```
.background{ background-color:#5E5A39 }
```

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