

# Converting Colors

Hex(5E5E2E)

Have a look what the booklet for  
Hex(5E5E2E) contains.

<b>Hex(5E5E2E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(5E5E2E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E5E2E
RGB	94, 94, 46
RGB Percent	37%, 37%, 18%
CMY	0.6314, 0.6314, 0.8196
CMYK	0.00, 0.00, 0.51, 0.63
HSL	60°, 34%, 27%
HSV	60°, 51%, 37%
XYZ	9.1119, 10.5823, 4.1471
YIQ	88.5280, 15.4080, -14.9280

# Conversions

## Conversions Part 2

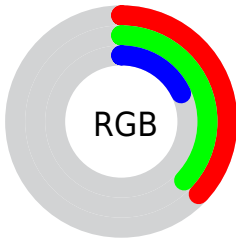
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 94, 46
Decimal	6184494
CIELab	38.87, -7.66, 27.31
CIElCh	39, 28.363, 105.673
Yxy	10.5823, 0.3822, 0.4439
Android (android.graphics.Color)	4284374574 (0xFF5E5E2E)
YUV	88.5280, -20.9663, 4.7989
Hunter-Lab	32.5305, -6.9298, 15.2128

# Details

The Hex color **5E5E2E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2E2E5E**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **92905D**, and **2F3000** is the 20% darker color. If you saturate the color by 10%, you get **5E5E25**, and if you desaturate by 10%, it is **5E5E37**.

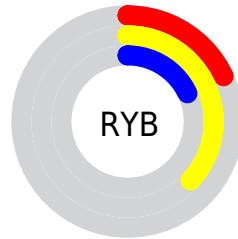
# Distribution



Red (37%)

Green (37%)

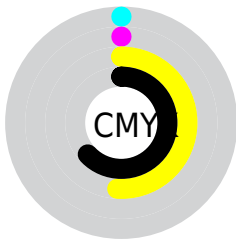
Blue (18%)



Red (18%)

Yellow (37%)

Blue (18%)

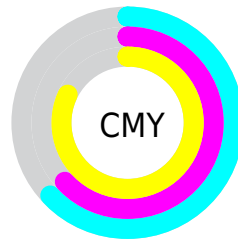


Cyan (0%)

Magenta (0%)

Yellow (51%)

Black (63%)



Cyan (63%)

Magenta (63%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E5E2E 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 5E5E2E by changing the saturation by 10% instead.





5E5E2E



5E5E2E

FFFFFF



464618



92905D



2F3000



ADAB76



181B00



C8C690



000000



E5E2AB



FFFFC6



FFFFE3



5E5E2E



5E5E2E



5E5E25



5E5E37

■ 5E5E1B

■ 5E5E41

■ 5E5E12

■ 5E5E4A

■ 5E5E08

■ 5E5E54

■ 5E5E00

■ 5E5E5D

■ 5E5E66

■ 5E5E70

■ 5E5E79

■ 5E5E83

# Harmonies

## Analogous

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



73562F



5E5E2E



44643A

# Triad

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



5E5E2E



00667C



814A68

# Complementary

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



5E5E2E



2E2E5E

# 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.



6D517C



5E5E2E



1C6188

# Square

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



5E5E2E



006867



4C5A88



884950

# Rectangle

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



5E5E2E



2F6648



4C5A88



7C4C6F



# Sweetspot

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



5E5E2E



7A7A68



5E2E2E



3D3D32



BDBDBD



3D3D3D



# Same Dimension

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



5E5E2E



7A7A30



465E2E



2E2E29



6E6E00



EDED00



# Inverse Universe

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



2E2E5E



30307A



462E5E



29292E



00006E



0000ED



# Previews

## White Background



This preview shows how the Hex color 5E5E2E 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 × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

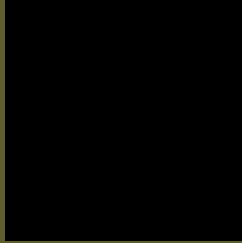
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

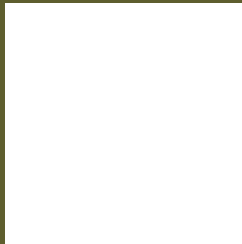
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5E5E2E Background



This preview shows how black text looks on a background with the Hex color 5E5E2E.



This preview shows how white text looks on a background with the Hex color 5E5E2E.

# 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**

5E5E2E

**Protanopia**

655C2D

**Deuteranopia**

705730



**Tritanopia**  
635960

# Trichromacy



**Original Color**  
5E5E2E

**Protanomaly**  
625D2D

**Deuteranomaly**  
695A2F

**Tritanomaly**  
615B4E

# Monochromacy



**Original Color**  
5E5E2E

**Achromatopsia**  
595959

**Achromatomaly**  
5B5B49

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E5E2E 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 #5E5E2E looks like.

```
.text, #text, p{  
    color:#5E5E2E  
}
```

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 #5E5E2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E5E2E
}
```

## Border

The CSS property to change the border of an element to Hex 5E5E2E 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".

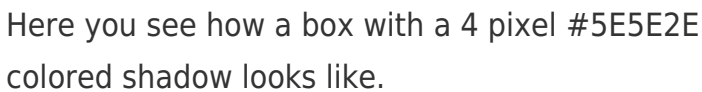
```
.border, #border, table{ border:4px solid
#5E5E2E }
```

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

```
.border{ border-color:#5E5E2E }
```

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

Here you see how a box with a 4 pixel #5E5E2E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E5E2E; -webkit-box-shadow:4px 4px  
4px 4px #5E5E2E; box-shadow:4px 4px 4px  
4px #5E5E2E }
```

# Background

The CSS property to change the background color of an element to Hex 5E5E2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E5E2E }
```

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

```
.background{ background-color:#5E5E2E }
```

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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