

# Converting Colors

Hex(5E533D)

Have a look what the booklet for  
Hex(5E533D) contains.

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# Color

Hex(5E533D)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E533D
RGB	94, 83, 61
RGB Percent	37%, 33%, 24%
CMY	0.6314, 0.6745, 0.7608
CMYK	0.00, 0.12, 0.35, 0.63
HSL	40°, 21%, 30%
HSV	40°, 35%, 37%
XYZ	8.5517, 8.9031, 5.6826
YIQ	83.7810, 13.6180, -4.5100

# Conversions

## Conversions Part 2

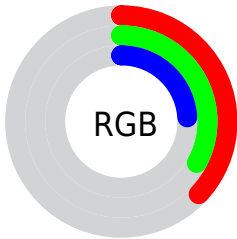
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	78, 94, 61
Decimal	6181693
CIE <sub>Lab</sub>	35.80, 0.78, 14.56
CIE <sub>LCh</sub>	36, 14.585, 86.917
Yxy	8.9031, 0.3696, 0.3848
Android (android.graphics.Color)	4284371773 (0xFF5E533D)
YUV	83.7810, -11.2310, 8.9621
Hunter-Lab	29.8381, -1.0582, 9.5950

# Details

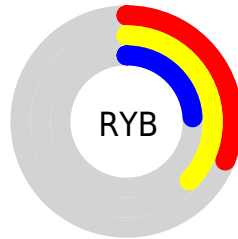
The Hex color **5E533D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **3D485E**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **91846D**, and **2F2612** is the 20% darker color. If you saturate the color by 10%, you get **5E5034**, and if you desaturate by 10%, it is **5E5646**.

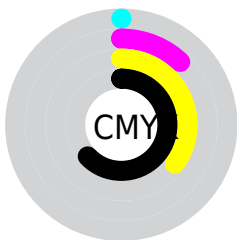
# Distribution



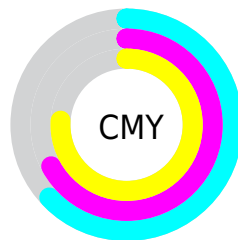
- Red (37%)
- Green (33%)
- Blue (24%)



- Red (31%)
- Yellow (37%)
- Blue (24%)



- Cyan (0%)
- Magenta (12%)
- Yellow (35%)
- Black (63%)



- Cyan (63%)
- Magenta (67%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E533D 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 5E533D by changing the saturation by 10% instead.



■ 5E533D

■ 5E533D

FFFFFF

■ 463C27

■ 91846D

■ 2F2612

■ AC9E86

■ 1A1200

■ C7B9A0

■ 000000

■ E3D5BB

■ FFF1D7

■ FFFFF3

■ 5E533D

■ 5E533D

■ 5E5034

■ 5E5646

■ 5E4D2A

■ 5E5950

■ 5E4A21

■ 5E5C59

■ 5E4617

■ 5E6063

■ 5E430E

■ 5E636C

■ 5E4005

■ 5E6675

■ 5E3F00

■ 5E697F

■ 5E6C88

■ 5E6F92

# Harmonies

## Analogous

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



674F41



5E533D



52573F

# Triad

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



5E533D



325B5E



624E61

# Complementary

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



5E533D



3D485E

# 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.



555269



5E533D



375967

# Square

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



5E533D



385B53



44566B



6A4C56

# Rectangle

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



5E533D



495944



44566B



5E4F64



# Sweetspot

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



5E533D



7A766D



5E3D48



3D3B35



BDBDBD



3D3D3D



# Same Dimension

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



5E533D



7A6947



595E3D



2E2C29



6E4900



ED9E00



# Inverse Universe

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



3D485E



47587A



423D5E



292B2E



00256E



004FED



# Previews

## White Background



This preview shows how the Hex color 5E533D 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 5E533D Background



This preview shows how black text looks on a background with the Hex color 5E533D.



This preview shows how white text looks on a background with the Hex color 5E533D.

# 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**  
5E533D

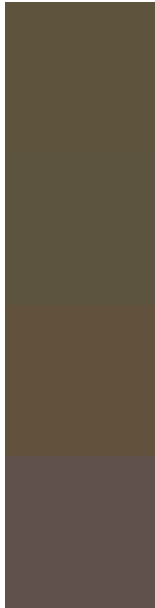
**Protanopia**  
5B543E

**Deuteranopia**  
64513D



**Tritanopia**  
615056

# Trichromacy



**Original Color**  
5E533D

**Protanomaly**  
5C543E

**Deuteranomaly**  
62523D

**Tritanomaly**  
60514D

# Monochromacy



**Original Color**  
5E533D

**Achromatopsia**  
545454

**Achromatomaly**  
58544C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E533D 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 #5E533D looks like.

```
.text, #text, p{  
    color:#5E533D  
}
```

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 #5E533D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E533D
}
```

## Border

The CSS property to change the border of an element to Hex 5E533D is called "border". The border property can be set on classes, ids or directly on the HTML element.

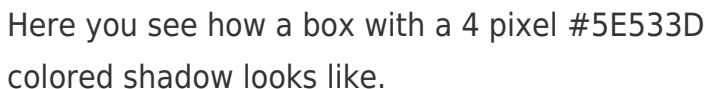
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E533D }
```

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

```
.border{ border-color:#5E533D }
```

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



Here you see how a box with a 4 pixel #5E533D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E533D; -webkit-box-shadow:4px 4px  
4px 4px #5E533D; box-shadow:4px 4px 4px  
4px #5E533D }
```

# Background

The CSS property to change the background color of an element to Hex 5E533D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E533D }
```

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

```
.background{ background-color:#5E533D }
```

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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