

# Converting Colors

Hex(5E503D)

Have a look what the booklet for  
Hex(5E503D) contains.

<b>Hex(5E503D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(5E503D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5E503D
RGB	94, 80, 61
RGB Percent	37%, 31%, 24%
CMY	0.6314, 0.6863, 0.7608
CMYK	0.00, 0.15, 0.35, 0.63
HSL	35°, 21%, 30%
HSV	35°, 35%, 37%
XYZ	8.3271, 8.4539, 5.6078
YIQ	82.0200, 14.4430, -2.9410

# Conversions

## Conversions Part 2

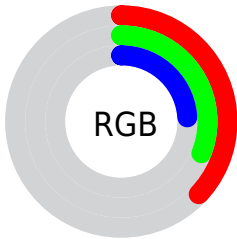
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 94, 61
Decimal	6180925
CIE <sub>Lab</sub>	34.91, 2.63, 13.37
CIE <sub>LCh</sub>	35, 13.621, 78.887
Yxy	8.4539, 0.3719, 0.3776
Android (android.graphics.Color)	4284371005 (0xFF5E503D)
YUV	82.0200, -10.3629, 10.5065
Hunter-Lab	29.0756, 0.2388, 8.9178

# Details

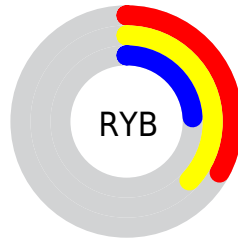
The Hex color **5E503D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **3D4B5E**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **91816D**, and **2F2413** is the 20% darker color. If you saturate the color by 10%, you get **5E4C34**, and if you desaturate by 10%, it is **5E5446**.

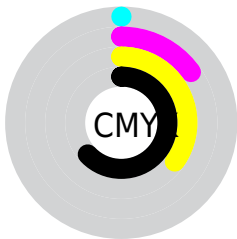
# Distribution



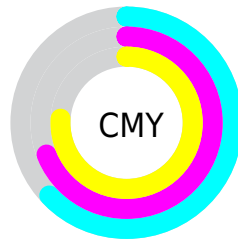
- Red (37%)
- Green (31%)
- Blue (24%)



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



- Cyan (0%)
- Magenta (15%)
- Yellow (35%)
- Black (63%)



- Cyan (63%)
- Magenta (69%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E503D 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 5E503D by changing the saturation by 10% instead.



 5E503D

 5E503D

FFFFFF

 463927

 91816D

 2F2413

 AC9B86

 1A0E00

 C7B6A0

 000000

 E3D1BB

 FFEED7

 FFFFF3

 5E503D

 5E503D

 5E4C34

 5E5446

■ 5E482A

■ 5E5850

■ 5E4421

■ 5E5C59

■ 5E4017

■ 5E6063

■ 5E3C0E

■ 5E646C

■ 5E3805

■ 5E6875

■ 5E3600

■ 5E6C7F

■ 5E7088

■ 5E7492

# Harmonies

## Analogous

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



664D42



5E503D



53543D

# Triad

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



5E503D



345859



5C4D60

# Complementary

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



5E503D



3D4B5E

# 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.



4F5167



5E503D



355762

# Square

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



5E503D



3B584E



405467



654B57

# Rectangle

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



5E503D



4B5641



405467



584E63



# Sweetspot

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



5E503D



7A756D



5E3D4B



3D3A35



BDBDBD



3D3D3D



# Same Dimension

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



5E503D



7A6547



5C5E3D



2E2C29



6E3F00



ED8900



# Inverse Universe

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



3D4B5E



475D7A



3F3D5E



292B2E



002F6E

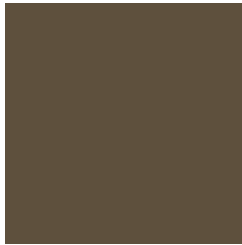


0065ED



# Previews

## White Background



This preview shows how the Hex color 5E503D looks on a white background.

## Color Contrast Check

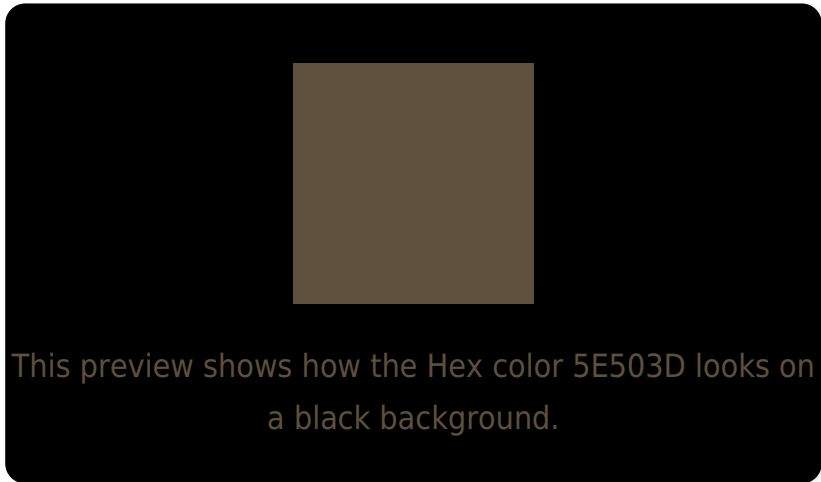
Large Text (above 18pt) WCAG AA ✓ Pass

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

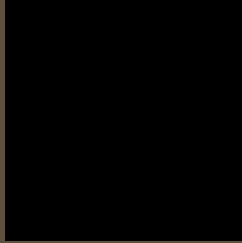
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5E503D Background



This preview shows how black text looks on a background with the Hex color 5E503D.

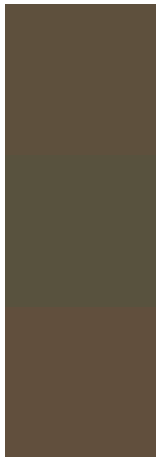


This preview shows how white text looks on a background with the Hex color 5E503D.

# 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**  
5E503D

**Protanopia**  
58523E

**Deuteranopia**  
614F3D



**Tritanopia**  
604D53

# Trichromacy



**Original Color**  
5E503D

**Protanomaly**  
5A513E

**Deuteranomaly**  
604F3D

**Tritanomaly**  
5F4E4B

# Monochromacy



**Original Color**  
5E503D

**Achromatopsia**  
525252

**Achromatomaly**  
56514A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E503D 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 #5E503D looks like.

```
.text, #text, p{  
    color:#5E503D  
}
```

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 #5E503D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E503D
}
```

## Border

The CSS property to change the border of an element to Hex 5E503D is called "border". The border property can be set on classes, ids or directly on the HTML element.

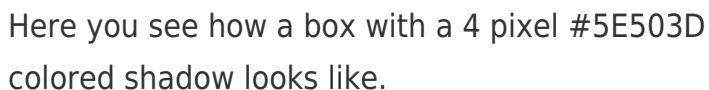
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E503D }
```

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

```
.border{ border-color:#5E503D }
```

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



Here you see how a box with a 4 pixel #5E503D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E503D; -webkit-box-shadow:4px 4px  
4px 4px #5E503D; box-shadow:4px 4px 4px  
4px #5E503D }
```

# Background

The CSS property to change the background color of an element to Hex 5E503D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E503D }
```

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

```
.background{ background-color:#5E503D }
```

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