

# Converting Colors

Hex(5E4C3A)

Have a look what the booklet for  
Hex(5E4C3A) contains.

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# Color

**Hex(5E4C3A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5E4C3A
RGB	94, 76, 58
RGB Percent	37%, 30%, 23%
CMY	0.6314, 0.7020, 0.7725
CMYK	0.00, 0.19, 0.38, 0.63
HSL	30°, 24%, 30%
HSV	30°, 38%, 37%
XYZ	7.9643, 7.8541, 5.0992
YIQ	79.3300, 16.5060, -1.7820

# Conversions

## Conversions Part 2

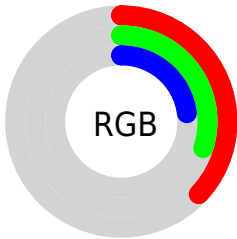
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 94, 58
Decimal	6179898
CIELab	33.68, 4.67, 13.56
CIElCh	34, 14.342, 70.994
Yxy	7.8541, 0.3807, 0.3755
Android (android.graphics.Color)	4284369978 (0xFF5E4C3A)
YUV	79.3300, -10.5157, 12.8656
Hunter-Lab	28.0251, 1.6828, 8.8296

# Details

The Hex color **5E4C3A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **3A4C5E**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **917D69**, and **2F2010** is the 20% darker color. If you saturate the color by 10%, you get **5E4731**, and if you desaturate by 10%, it is **5E5143**.

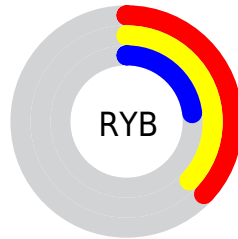
# Distribution



Red (37%)

Green (30%)

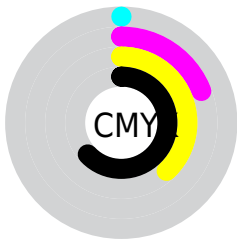
Blue (23%)



Red (37%)

Yellow (37%)

Blue (23%)

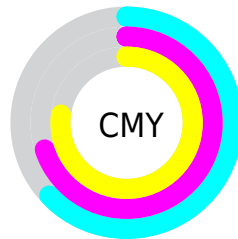


Cyan (0%)

Magenta (19%)

Yellow (38%)

Black (63%)



Cyan (63%)

Magenta (70%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E4C3A 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 5E4C3A by changing the saturation by 10% instead.





5E4C3A



5E4C3A

FFFFFF



463524



917D69



2F2010



AC9782



190900



C8B19D



000000



E4CDB7



FFE9D3



FFFEEF



5E4C3A



5E4C3A



5E4731



5E5143

■ 5E4327

■ 5E554D

■ 5E3E1E

■ 5E5A56

■ 5E3914

■ 5E5F60

■ 5E340B

■ 5E6469

■ 5E3002

■ 5E6872

■ 5E2F00

■ 5E6D7C

■ 5E7285

■ 5E768F

# Harmonies

## Analogous

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



654941



5E4C3A



535039

# Triad

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



5E4C3A



305653



564B60

# Complementary

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



5E4C3A



3A4C5E

# 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.



474F65



5E4C3A



2F555E

# Square

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



5E4C3A



3A5547



385264



614857

# Rectangle

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



5E4C3A



4B523C



385264



514C63



# Sweetspot

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



5E4C3A



7A746D



5E3A4C



3D3935



BDBDBD



3D3D3D



# Same Dimension

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



5E4C3A



7A5E42



5E5D3A



2E2C29



6E3700



ED7700



# Inverse Universe

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



3A4C5E



425E7A



3A3A5E



292C2E



00376E

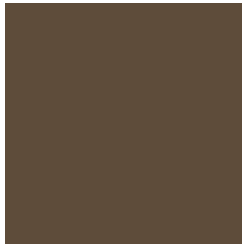


0077ED



# Previews

## White Background



This preview shows how the Hex color 5E4C3A 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

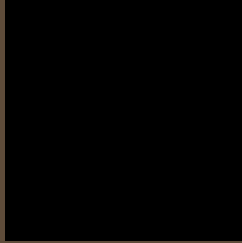
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5E4C3A Background



This preview shows how black text looks on a background with the Hex color 5E4C3A.

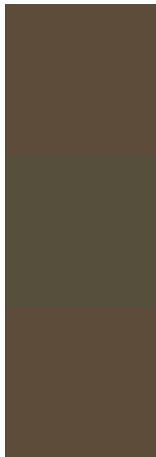


This preview shows how white text looks on a background with the Hex color 5E4C3A.

# 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**  
5E4C3A

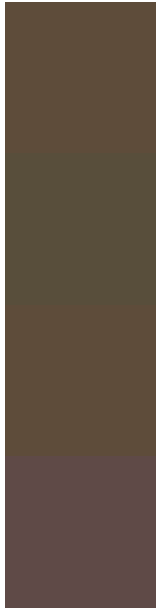
**Protanopia**  
554F3B

**Deuteranopia**  
5E4C3A



**Tritanopia**  
60494F

# Trichromacy



**Original Color**  
5E4C3A

**Protanomaly**  
584E3B

**Deuteranomaly**  
5E4C3A

**Tritanomaly**  
5F4A47

# Monochromacy



**Original Color**  
5E4C3A

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
544E47

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E4C3A 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 #5E4C3A looks like.

```
.text, #text, p{  
    color:#5E4C3A  
}
```

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 #5E4C3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E4C3A
}
```

## Border

The CSS property to change the border of an element to Hex 5E4C3A is called "border". The border property can be set on classes, ids or directly on the HTML element.

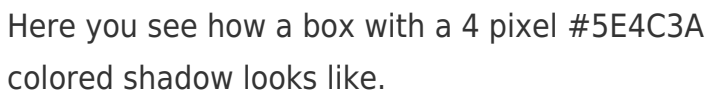
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E4C3A }
```

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

```
.border{ border-color:#5E4C3A }
```

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



Here you see how a box with a 4 pixel #5E4C3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E4C3A; -webkit-box-shadow:4px 4px  
4px 4px #5E4C3A; box-shadow:4px 4px 4px  
4px #5E4C3A }
```

# Background

The CSS property to change the background color of an element to Hex 5E4C3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E4C3A }
```

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

```
.background{ background-color:#5E4C3A }
```

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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