

# Converting Colors

Hex(5E5723)

Have a look what the booklet for  
Hex(5E5723) contains.

<b>Hex(5E5723)</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(5E5723)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E5723
RGB	94, 87, 35
RGB Percent	37%, 34%, 14%
CMY	0.6314, 0.6588, 0.8627
CMYK	0.00, 0.07, 0.63, 0.63
HSL	53°, 46%, 25%
HSV	53°, 63%, 37%
XYZ	8.3277, 9.3174, 2.9496
YIQ	83.1650, 20.8640, -14.6880

# Conversions

## Conversions Part 2

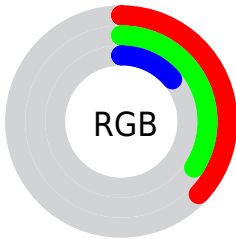
Format	Color
<b>RYB</b>	43, 94, 35
Decimal	6182691
CIELab	36.59, -4.60, 30.60
CIELCh	37, 30.947, 98.548
Yxy	9.3174, 0.4044, 0.4524
Android (android.graphics.Color)	4284372771 (0xFF5E5723)
YUV	83.1650, -23.7453, 9.5023
Hunter-Lab	30.5245, -4.7195, 15.6378

# Details

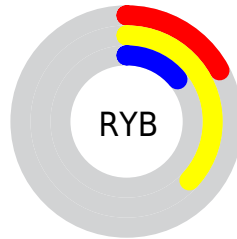
The Hex color **5E5723** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **232A5E**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **928952**, and **2E2A00** is the 20% darker color. If you saturate the color by 10%, you get **5E561A**, and if you desaturate by 10%, it is **5E582C**.

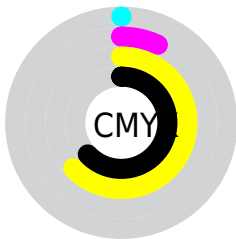
# Distribution



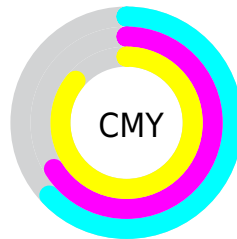
- Red (37%)
- Green (34%)
- Blue (14%)



- Red (17%)
- Yellow (37%)
- Blue (14%)



- Cyan (0%)
- Magenta (7%)
- Yellow (63%)
- Black (63%)



- Cyan (63%)
- Magenta (66%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E5723 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 5E5723 by changing the saturation by 10% instead.



 5E5723

 5E5723

FFFFFF

 45400C

 928952

 2E2A00

 ADA36B

 151600

 C9BE84

 000000

 E6DA9F

 FFF6BA

 FFFFD6

 FFFFF2

 5E5723

 5E5723

■ 5E561A

■ 5E582C

■ 5E5510

■ 5E5936

■ 5E5407

■ 5E5A3F

■ 5E5300

■ 5E5B49

■ 5E5D52

■ 5E5E5B

■ 5E5F65

■ 5E606E

■ 5E6178

# Harmonies

## Analogous

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



734E28



5E5723



435E2E

# Triad

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



5E5723



006274



7A4469

# Complementary

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



5E5723



232A5E

# 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.



614D7D



5E5723



005E84

# Square

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



5E5723



00635D



395687



854150

# Rectangle

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



5E5723



2D603B



395687



744770



# Sweetspot

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



5E5723



7A7863



5E232B



3D3C2F



BDBDBD



3D3D3D



# Same Dimension

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



5E5723



7A701F



485E23



2E2D29



6E6100



EDD100



# Inverse Universe

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



232A5E



1F297A



39235E



292A2E



000D6E



001CED



# Previews

## White Background



This preview shows how the Hex color 5E5723 looks on a white background.

## Color Contrast Check

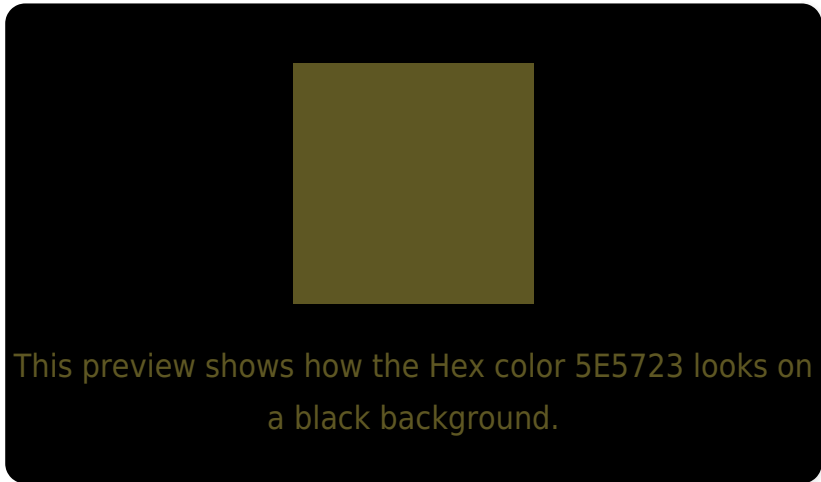
Large Text (above 18pt) WCAG AA ✓ Pass

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

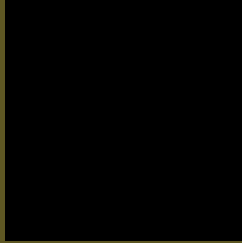
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5E5723 Background



This preview shows how black text looks on a background with the Hex color 5E5723.



This preview shows how white text looks on a background with the Hex color 5E5723.

# 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**  
5E5723

**Protanopia**  
605623

**Deuteranopia**  
6B5224



**Tritanopia**  
635258

# Trichromacy



**Original Color**  
5E5723

**Protanomaly**  
5F5623

**Deuteranomaly**  
665424

**Tritanomaly**  
615445

# Monochromacy



**Original Color**  
5E5723

**Achromatopsia**  
535353

**Achromatomaly**  
575442

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E5723 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 #5E5723 looks like.

```
.text, #text, p{  
    color:#5E5723  
}
```

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 #5E5723 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E5723
}
```

## Border

The CSS property to change the border of an element to Hex 5E5723 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".

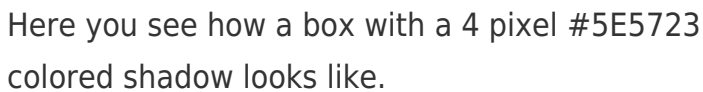
```
.border, #border, table{ border:4px solid
#5E5723 }
```

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

```
.border{ border-color:#5E5723 }
```

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

Here you see how a box with a 4 pixel #5E5723 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E5723; -webkit-box-shadow:4px 4px  
4px 4px #5E5723; box-shadow:4px 4px 4px  
4px #5E5723 }
```

# Background

The CSS property to change the background color of an element to Hex 5E5723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E5723 }
```

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

```
.background{ background-color:#5E5723 }
```

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