

# Converting Colors

Hex(5E5C32)

Have a look what the booklet for  
Hex(5E5C32) contains.

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# Color

Hex(5E5C32)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E5C32
RGB	94, 92, 50
RGB Percent	37%, 36%, 20%
CMY	0.6314, 0.6392, 0.8039
CMYK	0.00, 0.02, 0.47, 0.63
HSL	57°, 31%, 28%
HSV	57°, 47%, 37%
XYZ	9.0190, 10.2643, 4.5235
YIQ	87.8100, 14.6740, -12.6380

# Conversions

## Conversions Part 2

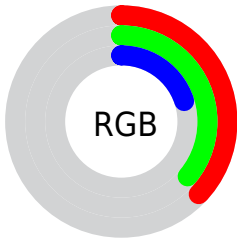
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 94, 50
Decimal	6183986
CIELab	38.31, -6.05, 24.37
CIELCh	38, 25.114, 103.938
Yxy	10.2643, 0.3788, 0.4312
Android (android.graphics.Color)	4284374066 (0xFF5E5C32)
YUV	87.8100, -18.6403, 5.4286
Hunter-Lab	32.0379, -5.8169, 14.0553

# Details

The Hex color **5E5C32** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **32345E**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **918E61**, and **2F2E04** is the 20% darker color. If you saturate the color by 10%, you get **5E5C29**, and if you desaturate by 10%, it is **5E5C3B**.

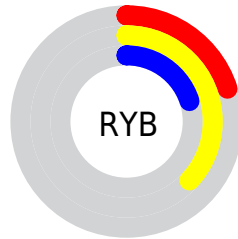
# Distribution



Red (37%)

Green (36%)

Blue (20%)



Red (20%)

Yellow (37%)

Blue (20%)

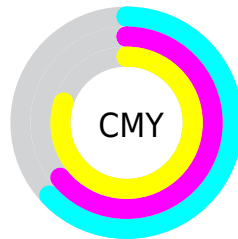


Cyan (0%)

Magenta (2%)

Yellow (47%)

Black (63%)



Cyan (63%)

Magenta (64%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E5C32 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 5E5C32 by changing the saturation by 10% instead.





5E5C32



5E5C32

FFFFFF



46451C



918E61



2F2E04



ACA87A



181A00



C8C494



000000



E4E0AF



FFFCB



FFFEE7



5E5C32



5E5C32



5E5C29



5E5C3B

 5E5B1F

 5E5D45

 5E5B16

 5E5D4E

 5E5A0C

 5E5E58

 5E5A03

 5E5E61

 5E5A00

 5E5F6A

 5E5F74

 5E5F7D

 5E6087

# Harmonies

## Analogous

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



715533



5E5C32



47613C

# Triad

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



5E5C32



006376



7B4C66

# Complementary

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



5E5C32



32345E

# 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.



685178



5E5C32



275F81

# Square

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



5E5C32



086563



4C5982



824A51

# Rectangle

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



5E5C32



366348



4C5982



764D6C



# Sweetspot

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



5E5C32



7A7A69



5E3234



3D3D33



BDBDBD



3D3D3D



# Same Dimension

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



5E5C32



7A7736



4A5E32



2E2E29



6E6900



EDE200



# Inverse Universe

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



32345E



36397A



46325E



292A2E



00056E



000BED



# Previews

## White Background



This preview shows how the Hex color 5E5C32 looks on a white background.

## Color Contrast Check

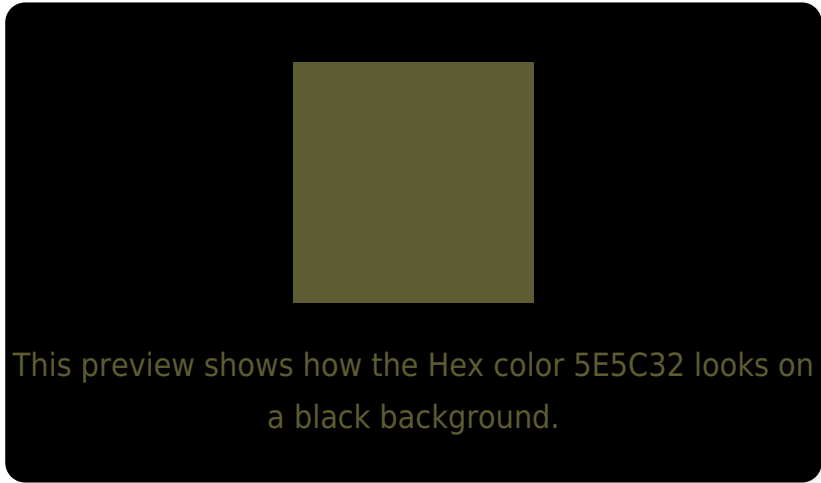
Large Text (above 18pt) WCAG AA ✓ Pass

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

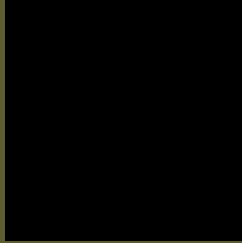
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5E5C32 Background



This preview shows how black text looks on a background with the Hex color 5E5C32.



This preview shows how white text looks on a background with the Hex color 5E5C32.

# 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**  
5E5C32

**Protanopia**  
635A31

**Deuteranopia**  
6E5633



**Tritanopia**  
63575E

# Trichromacy



**Original Color**  
5E5C32

**Protanomaly**  
615B31

**Deuteranomaly**  
685833

**Tritanomaly**  
61594E

# Monochromacy



**Original Color**  
5E5C32

**Achromatopsia**  
585858

**Achromatomaly**  
5A594A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E5C32 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 #5E5C32 looks like.

```
.text, #text, p{  
    color:#5E5C32  
}
```

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 #5E5C32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E5C32
}
```

## Border

The CSS property to change the border of an element to Hex 5E5C32 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
#5E5C32 }
```

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

```
.border{ border-color:#5E5C32 }
```

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

Here you see how a box with a 4 pixel #5E5C32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E5C32; -webkit-box-shadow:4px 4px  
4px 4px #5E5C32; box-shadow:4px 4px 4px  
4px #5E5C32 }
```

# Background

The CSS property to change the background color of an element to Hex 5E5C32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E5C32 }
```

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

```
.background{ background-color:#5E5C32 }
```

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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