

# Converting Colors

Hex(5B5F49)

Have a look what the booklet for  
Hex(5B5F49) contains.

<b>Hex(5B5F49)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(5B5F49)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5B5F49
RGB	91, 95, 73
RGB Percent	36%, 37%, 29%
CMY	0.6431, 0.6275, 0.7137
CMYK	0.04, 0.00, 0.23, 0.63
HSL	71°, 13%, 33%
HSV	71°, 23%, 37%
XYZ	9.6092, 10.8896, 7.8988
YIQ	91.2960, 4.6780, -7.6900

# Conversions

## Conversions Part 2

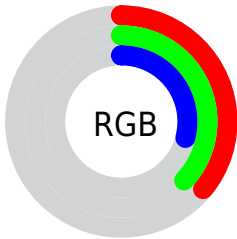
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 95, 77
Decimal	5988169
CIE Lab	39.39, -5.84, 12.09
CIE LCh	39, 13.431, 115.774
Yxy	10.8896, 0.3384, 0.3835
Android (android.graphics.Color)	4284178249 (0xFF5B5F49)
YUV	91.2960, -9.0199, -0.2596
Hunter-Lab	32.9994, -5.7710, 8.9079

# Details

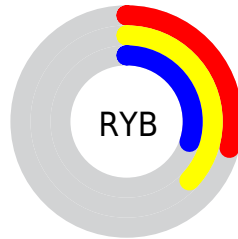
The Hex color **5B5F49** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4D495F**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **8D917A**, and **2D311D** is the 20% darker color. If you saturate the color by 10%, you get **595F40**, and if you desaturate by 10%, it is **5D5F52**.

# Distribution



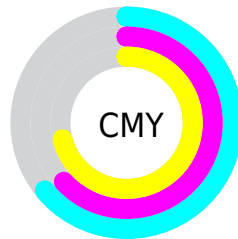
- Red (36%)
- Green (37%)
- Blue (29%)



- Red (29%)
- Yellow (37%)
- Blue (30%)



- Cyan (4%)
- Magenta (0%)
- Yellow (23%)
- Black (63%)



- Cyan (64%)
- Magenta (63%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B5F49 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 5B5F49 by changing the saturation by 10% instead.





5B5F49



5B5F49

FFFFFF



434732



8D917A



2D311D



A8AC93



191C04



C3C7AE



000000



DFE3C9



FCFFE6



5B5F49



5B5F49



595F40



5D5F52



585F36



5E5F5C

■ 565F2C

■ 605F66

■ 545F23

■ 625F6F

■ 525F19

■ 645F79

■ 515F10

■ 655F82

■ 4F5F06

■ 675F8B

■ 4E5F00

■ 695F95

■ 6B5F9F

# Harmonies

## Analogous

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



675C47



5B5F49



4F6250

# Triad

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



5B5F49



42616E



72555F

# Complementary

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



5B5F49



4D495F

# 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.



6A5769



5B5F49



4E5E72

# Square

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



5B5F49



3F6366



5D5B70



735654

# Rectangle

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



5B5F49



476357



5D5B70



6F5662



# Sweetspot

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



5B5F49



797A72



5F4D49



3C3D38



BDBDBD



3D3D3D



# Same Dimension

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



5B5F49



747A58



505F49



30302C



5C7000



C4F000



# Inverse Universe

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



4D495F



5E587A



58495F



2C2C30



140070



2C00F0



# Previews

## White Background



This preview shows how the Hex color 5B5F49 looks on a white background.

## Color Contrast Check

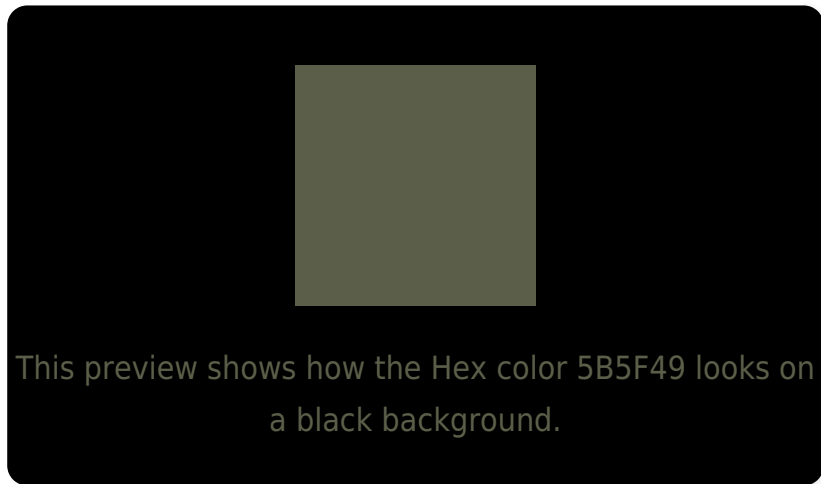
Large Text (above 18pt) WCAG AA ✓ Pass

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

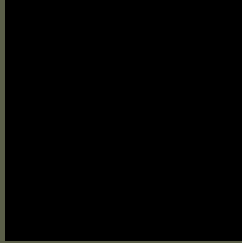
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

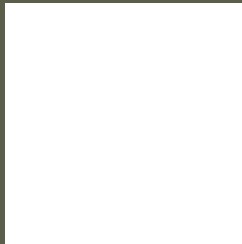
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5B5F49 Background



This preview shows how black text looks on a background with the Hex color 5B5F49.



This preview shows how white text looks on a background with the Hex color 5B5F49.

# 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**  
5B5F49

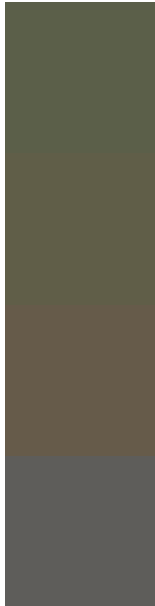
**Protanopia**  
635D48

**Deuteranopia**  
6C594A



**Tritanopia**  
5F5C63

# Trichromacy



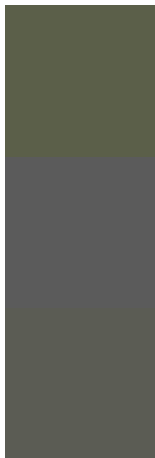
**Original Color**  
5B5F49

**Protanomaly**  
605E48

**Deuteranomaly**  
665B4A

**Tritanomaly**  
5E5D5A

# Monochromacy



**Original Color**  
5B5F49

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
5B5C54

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B5F49 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 #5B5F49 looks like.

```
.text, #text, p{  
    color:#5B5F49  
}
```

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 #5B5F49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B5F49
}
```

## Border

The CSS property to change the border of an element to Hex 5B5F49 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".

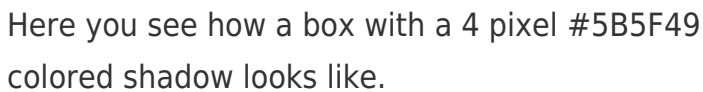
```
.border, #border, table{ border:4px solid
#5B5F49 }
```

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

```
.border{ border-color:#5B5F49 }
```

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

Here you see how a box with a 4 pixel #5B5F49 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B5F49; -webkit-box-shadow:4px 4px  
4px 4px #5B5F49; box-shadow:4px 4px 4px  
4px #5B5F49 }
```

# Background

The CSS property to change the background color of an element to Hex 5B5F49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B5F49 }
```

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

```
.background{ background-color:#5B5F49 }
```

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