

# Converting Colors

Hex(5B635B)

Have a look what the booklet for  
Hex(5B635B) contains.

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# Color

**Hex(5B635B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5B635B
RGB	91, 99, 91
RGB Percent	36%, 39%, 36%
CMY	0.6431, 0.6118, 0.6431
CMYK	0.08, 0.00, 0.08, 0.61
HSL	120°, 4%, 37%
HSV	120°, 8%, 39%
XYZ	10.6646, 11.9032, 11.6330
YIQ	95.6960, -2.2000, -4.1840

# Conversions

## Conversions Part 2

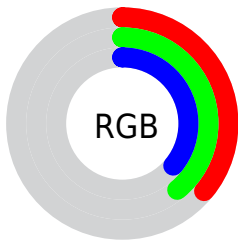
<b>Format</b>	<b>Color</b>
<b>RYB</b>	91, 99, 99
Decimal	5989211
CIELab	41.06, -4.80, 3.48
CIElCh	41, 5.926, 144.031
Yxy	11.9032, 0.3118, 0.3480
Android (android.graphics.Color)	4284179291 (0xFF5B635B)
YUV	95.6960, -2.3151, -4.1184
Hunter-Lab	34.5010, -5.2007, 4.1593

# Details

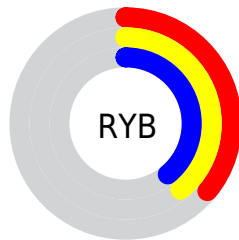
The Hex color **5B635B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **635B63**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **8D968D**, and **2D352D** is the 20% darker color. If you saturate the color by 10%, you get **516351**, and if you desaturate by 10%, it is **656365**.

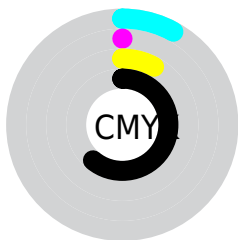
# Distribution



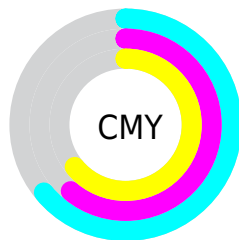
- Red (36%)
- Green (39%)
- Blue (36%)



- Red (36%)
- Yellow (39%)
- Blue (39%)



- Cyan (8%)
- Magenta (0%)
- Yellow (8%)
- Black (61%)



- Cyan (64%)
- Magenta (61%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B635B 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 5B635B by changing the saturation by 10% instead.





5B635B



5B635B

FFFFFF



444B44



8D968D



2D352D



A8B0A7



191F19



C3CCC3



000700



DFE8DF



000000



FBFFFB



5B635B



5B635B



516351



656365



476347



6F636F

■ 3D633D

■ 796379

■ 336333

■ 836383

■ 2A632A

■ 8D638D

■ 206320

■ 966396

■ 166316

■ A063A0

■ 0C630C

■ AA63AA

■ 026302

■ B463B4

# Harmonies

## Analogous

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



616258



5B635B



576460

# Triad

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



5B635B



5B626A



6B5E5D

# Complementary

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



5B635B



635B63

# 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.



6A5E62



5B635B



61606A

# Square

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



5B635B



566368



665E67



6A5F59

# Rectangle

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



5B635B



556463



665E67



6B5E5F



# Sweetspot

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



5B635B



7D807D



63635B



3E403E



BFBFBF



404040



# Same Dimension

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



5B635B



738073



5B635F



2C302C



007000



00F000



# Inverse Universe

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



635B63



807380



635B5F



302C30



700070



F000F0



# Previews

## White Background



This preview shows how the Hex color 5B635B looks on a white background.

### Color Contrast Check

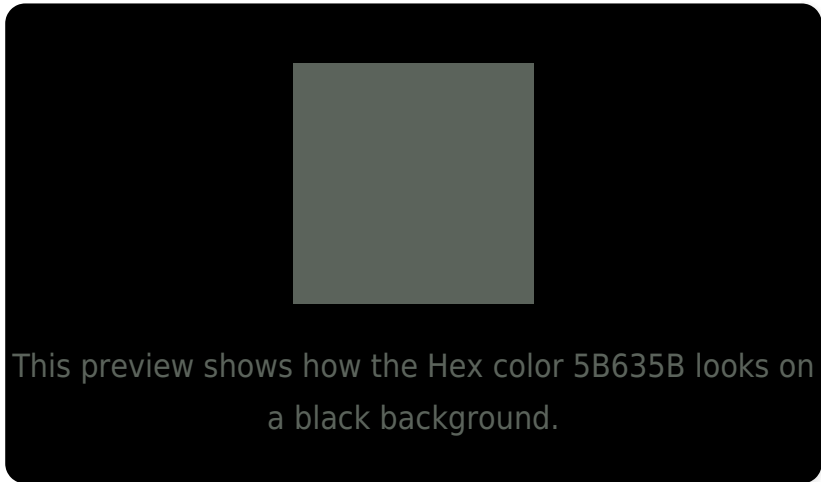
Large Text (above 18pt) WCAG AA ✓ Pass

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

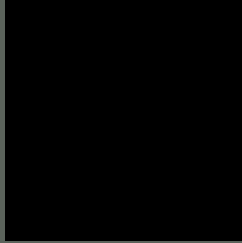
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5B635B Background



This preview shows how black text looks on a background with the Hex color 5B635B.



This preview shows how white text looks on a background with the Hex color 5B635B.

# 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**  
5B635B

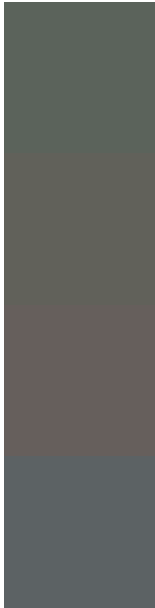
**Protanopia**  
64605A

**Deuteranopia**  
6C5D5C



**Tritanopia**  
5D6169

# Trichromacy



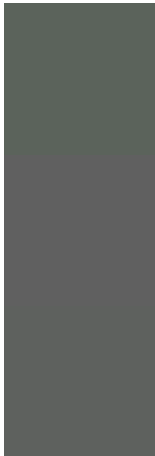
**Original Color**  
5B635B

**Protanomaly**  
61615A

**Deuteranomaly**  
665F5C

**Tritanomaly**  
5C6264

# Monochromacy



**Original Color**  
5B635B

**Achromatopsia**  
606060

**Achromatomaly**  
5E615E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B635B 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 #5B635B looks like.

```
.text, #text, p{  
    color:#5B635B  
}
```

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 #5B635B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B635B
}
```

## Border

The CSS property to change the border of an element to Hex 5B635B is called "border". The border property can be set on classes, ids or directly on the HTML element.

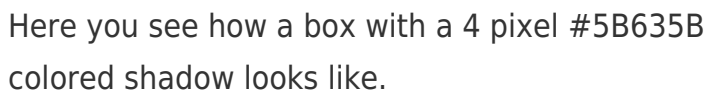
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B635B }
```

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

```
.border{ border-color:#5B635B }
```

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



Here you see how a box with a 4 pixel #5B635B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B635B; -webkit-box-shadow:4px 4px  
4px 4px #5B635B; box-shadow:4px 4px 4px  
4px #5B635B }
```

# Background

The CSS property to change the background color of an element to Hex 5B635B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B635B }
```

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

```
.background{ background-color:#5B635B }
```

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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