

# Converting Colors

Hex(5F635C)

Have a look what the booklet for  
Hex(5F635C) contains.

<b>Hex(5F635C)</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(5F635C)

# Conversions

## Conversions Part 1

Format	Color
Hex	5F635C
RGB	95, 99, 92
RGB Percent	37%, 39%, 36%
CMY	0.6275, 0.6118, 0.6392
CMYK	0.04, 0.00, 0.07, 0.61
HSL	94°, 4%, 37%
HSV	94°, 7%, 39%
XYZ	11.1129, 12.1293, 11.8807
YIQ	97.0060, -0.1370, -3.0250

# Conversions

## Conversions Part 2

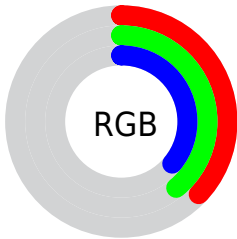
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 99, 96
Decimal	6251356
CIELab	41.42, -3.01, 3.43
CIElCh	41, 4.565, 131.266
Yxy	12.1293, 0.3164, 0.3453
Android (android.graphics.Color)	4284441436 (0xFF5F635C)
YUV	97.0060, -2.4680, -1.7593
Hunter-Lab	34.8271, -3.9902, 4.1532

# Details

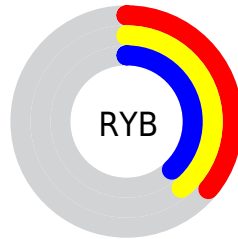
The Hex color **5F635C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **605C63**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **91968E**, and **31352E** is the 20% darker color. If you saturate the color by 10%, you get **596352**, and if you desaturate by 10%, it is **656366**.

# Distribution



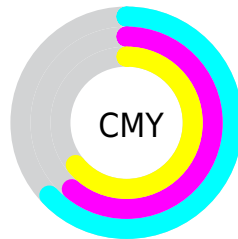
- Red (37%)
- Green (39%)
- Blue (36%)



- Red (36%)
- Yellow (39%)
- Blue (38%)



- Cyan (4%)
- Magenta (0%)
- Yellow (7%)
- Black (61%)



- Cyan (63%)
- Magenta (61%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F635C 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 5F635C by changing the saturation by 10% instead.





5F635C



5F635C

FFFFFF



474B45



91968E



31352E



ACB0A9



1C1F1A



C7CCC4



000700



E3E8E0



000000

FFFFFF



5F635C



5F635C



596352



656366



546348



6A6370

■ 4E633E

■ 70637A

■ 486334

■ 766384

■ 43632B

■ 7B638E

■ 3D6321

■ 816397

■ 376317

■ 8763A1

■ 32630D

■ 8C63AB

■ 2C6303

■ 9263B5

# Harmonies

## Analogous

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



63625A



5F635C



5B645F

# Triad

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



5F635C



5B6369



6A5F60

# Complementary

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



5F635C



605C63

# 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.



685F64



5F635C



606269

# Square

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



5F635C



596466



646067



6A605D

# Rectangle

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



5F635C



596462



646067



695F62



# Sweetspot

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



5F635C



7E807D



63605C



3F403E



BFBFBF



404040



# Same Dimension

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



5F635C



7A8075



5C635C



2E302C



307000



67F000



# Inverse Universe

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



605C63



7B7580



635C63



2E2C30



400070



8900F0



# Previews

## White Background



This preview shows how the Hex color 5F635C looks on a white background.

## Color Contrast Check

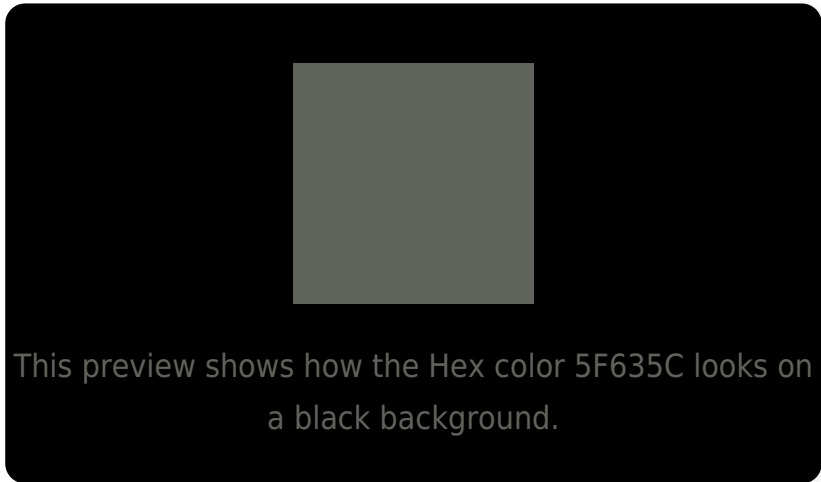
Large Text (above 18pt) WCAG AA ✓ Pass

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

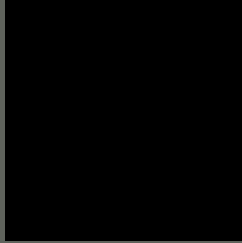
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

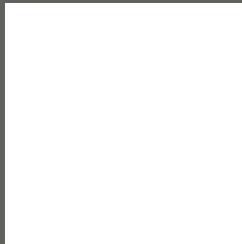
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5F635C Background



This preview shows how black text looks on a background with the Hex color 5F635C.



This preview shows how white text looks on a background with the Hex color 5F635C.

# 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**  
5F635C

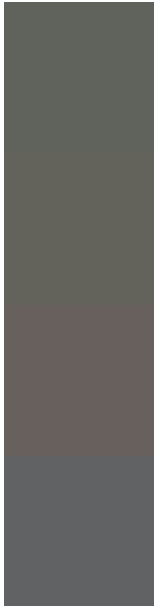
**Protanopia**  
65615B

**Deuteranopia**  
6D5E5D



**Tritanopia**  
616169

# Trichromacy



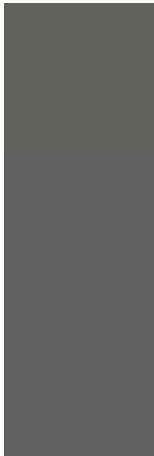
**Original Color**  
5F635C

**Protanomaly**  
63625B

**Deuteranomaly**  
68605D

**Tritanomaly**  
606264

# Monochromacy



**Original Color**  
5F635C

**Achromatopsia**  
616161

**Achromatomaly**  
60625F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F635C 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 #5F635C looks like.

```
.text, #text, p{  
    color:#5F635C  
}
```

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 #5F635C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F635C
}
```

## Border

The CSS property to change the border of an element to Hex 5F635C is called "border". The border property can be set on classes, ids or directly on the HTML element.

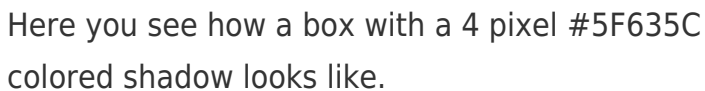
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F635C }
```

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

```
.border{ border-color:#5F635C }
```

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



Here you see how a box with a 4 pixel #5F635C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F635C; -webkit-box-shadow:4px 4px  
4px 4px #5F635C; box-shadow:4px 4px 4px  
4px #5F635C }
```

# Background

The CSS property to change the background color of an element to Hex 5F635C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F635C }
```

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

```
.background{ background-color:#5F635C }
```

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