

# Converting Colors

Hex(5E5E67)

Have a look what the booklet for  
Hex(5E5E67) contains.

<b>Hex(5E5E67)</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(5E5E67)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5E5E67
RGB	94, 94, 103
RGB Percent	37%, 37%, 40%
CMY	0.6314, 0.6314, 0.5961
CMYK	0.09, 0.09, 0.00, 0.60
HSL	240°, 5%, 39%
HSV	240°, 9%, 40%
XYZ	11.0670, 11.3644, 14.4422
YIQ	95.0260, -2.8890, 2.7990

# Conversions

## Conversions Part 2

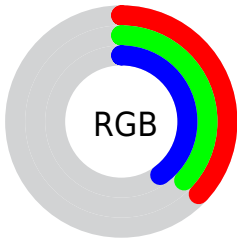
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	94, 94, 103
Decimal	6184551
CIE Lab	40.19, 1.97, -5.12
CIE LCh	40, 5.487, 291.020
Yxy	11.3644, 0.3001, 0.3082
Android (android.graphics.Color)	4284374631 (0xFF5E5E67)
YUV	95.0260, 3.9312, -0.8998
Hunter-Lab	33.7111, -0.3948, -1.8028

# Details

The Hex color **5E5E67** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **67675E**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **90909A**, and **303038** is the 20% darker color. If you saturate the color by 10%, you get **545467**, and if you desaturate by 10%, it is **686867**.

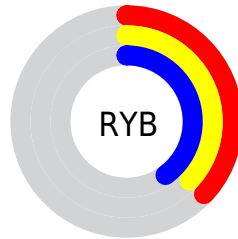
# Distribution



Red (37%)

Green (37%)

Blue (40%)



Red (37%)

Yellow (37%)

Blue (40%)

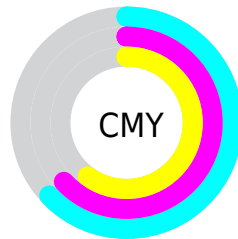


Cyan (9%)

Magenta (9%)

Yellow (0%)

Black (60%)



Cyan (63%)

Magenta (63%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E5E67 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 5E5E67 by changing the saturation by 10% instead.





5E5E67



5E5E67

FFFFFF



46464F



90909A



303038



ABABB5



1B1B23



C6C6D0



00000D



E2E2ED



000000



5E5E67



5E5E67



545467



686867



494967



737367



3F3F67



7D7D67

■ 353567

■ 878767

■ 2B2B67

■ 929267

■ 202067

■ 9C9C67

■ 161667

■ A6A667

■ 0C0C67

■ B0B067

■ 010167

■ BBBB67

# Harmonies

## Analogous

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



595F67



5E5E67



635D64

# Triad

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



5E5E67



675D58



56615D

# Complementary

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



5E5E67



67675E

# 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.



5A6159



5E5E67



645E56

# Square

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



5E5E67



695C5C



5F5F56



546162

# Rectangle

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



5E5E67



665C62



5F5F56



57615C



# Sweetspot

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



5E5E67



838387



5E6767



424245



C4C4C4



454545



# Same Dimension

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



5E5E67



7A7A87



635E67



2E2E33



000073



0000F2



# Inverse Universe

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



675E67



877A87



63675E



332E33



730073



F200F2



# Previews

## White Background



This preview shows how the Hex color 5E5E67 looks on a white background.

## Color Contrast Check

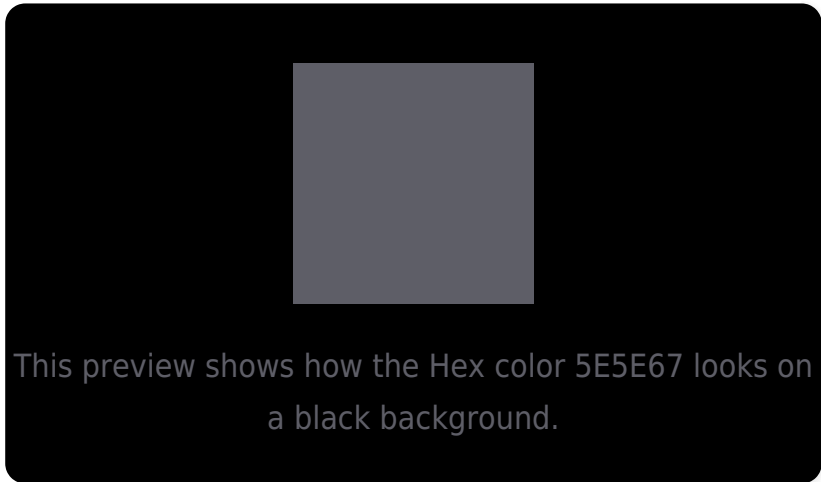
Large Text (above 18pt) WCAG AA ✓ Pass

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

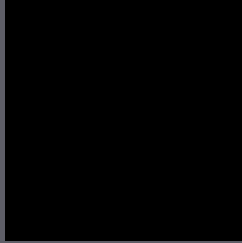
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

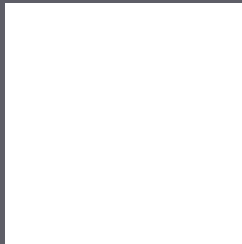
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5E5E67 Background



This preview shows how black text looks on a background with the Hex color 5E5E67.



This preview shows how white text looks on a background with the Hex color 5E5E67.

# 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**  
5E5E67

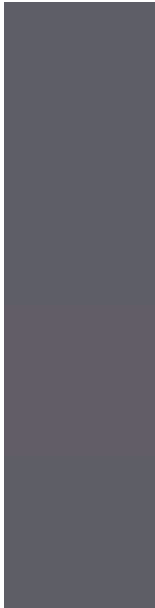
**Protanopia**  
5E5E67

**Deuteranopia**  
645C67



**Tritanopia**  
5E5E66

# Trichromacy



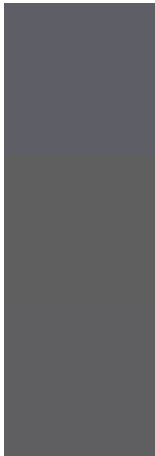
**Original Color**  
5E5E67

**Protanomaly**  
5E5E67

**Deuteranomaly**  
625D67

**Tritanomaly**  
5E5E66

# Monochromacy



**Original Color**  
5E5E67

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
5F5F62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E5E67 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 #5E5E67 looks like.

```
.text, #text, p{  
    color:#5E5E67  
}
```

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 #5E5E67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E5E67
}
```

## Border

The CSS property to change the border of an element to Hex 5E5E67 is called "border". The border property can be set on classes, ids or directly on the HTML element.

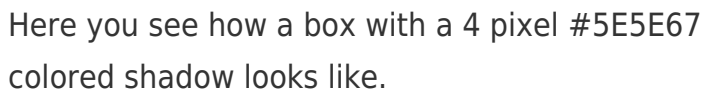
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E5E67 }
```

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

```
.border{ border-color:#5E5E67 }
```

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



Here you see how a box with a 4 pixel #5E5E67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E5E67; -webkit-box-shadow:4px 4px  
4px 4px #5E5E67; box-shadow:4px 4px 4px  
4px #5E5E67 }
```

# Background

The CSS property to change the background color of an element to Hex 5E5E67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E5E67 }
```

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

```
.background{ background-color:#5E5E67 }
```

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