

# Converting Colors

Hex(5E765E)

Have a look what the booklet for  
Hex(5E765E) contains.

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# Color

Hex(5E765E)

# Conversions

## Conversions Part 1

Format	Color
Hex	5E765E
RGB	94, 118, 94
RGB Percent	37%, 46%, 37%
CMY	0.6314, 0.5373, 0.6314
CMYK	0.20, 0.00, 0.20, 0.54
HSL	120°, 11%, 42%
HSV	120°, 20%, 46%
XYZ	13.1149, 16.1447, 13.0147
YIQ	108.0880, -6.6000, -12.5520

# Conversions

## Conversions Part 2

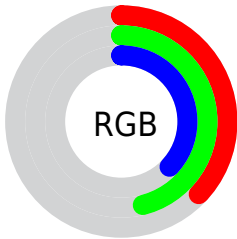
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 118, 118
Decimal	6190686
CIE <sub>Lab</sub>	47.16, -13.89, 10.38
CIE <sub>LCh</sub>	47, 17.339, 143.210
Yxy	16.1447, 0.3102, 0.3819
Android (android.graphics.Color)	4284380766 (0xFF5E765E)
YUV	108.0880, -6.9454, -12.3552
Hunter-Lab	40.1805, -12.0534, 8.9220

# Details

The Hex color **5E765E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **765E76**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **91AA90**, and **2F4630** is the 20% darker color. If you saturate the color by 10%, you get **527652**, and if you desaturate by 10%, it is **6A766A**.

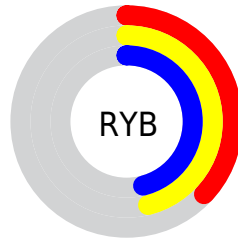
# Distribution



Red (37%)

Green (46%)

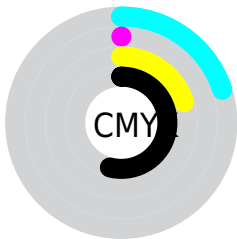
Blue (37%)



Red (37%)

Yellow (46%)

Blue (46%)

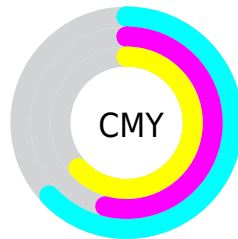


Cyan (20%)

Magenta (0%)

Yellow (20%)

Black (54%)



Cyan (63%)

Magenta (54%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E765E 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 5E765E by changing the saturation by 10% instead.





5E765E



5E765E

FFFFFF



465D46



91AA90



2F4630



ABC6AB



1A2F1B



C7E2C6



021B00



E3FEE2



000000



5E765E



5E765E



527652



6A766A



467646



767676



3B763B



817681

 2F762F

 8D768D

 237623

 997699

 177617

 A576A5

 0B760B

 B176B1

 007600

 BC76BC

 C876C8

# Harmonies

## Analogous

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



6F7255



5E765E



4F786C

# Triad

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



5E765E



5A728C



8E6665

# Complementary

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



5E765E



765E76

# 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.



8B6674



5E765E



6E6D8B

# Square

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



5E765E



4A7687



7F6881



896959

# Rectangle

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



5E765E



487876



7F6881



8E656A



# Sweetspot

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



5E765E



909990



76765E



474D47



CCCCCC



4D4D4D



# Same Dimension

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



5E765E



749974



5E766A



353B35



007A00



00FA00



# Inverse Universe

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



765E76



997499



765E6A



3B353B



7A007A

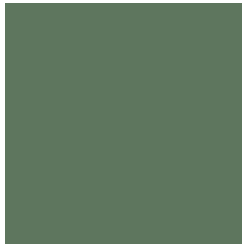


FA00FA



# Previews

## White Background



This preview shows how the Hex color 5E765E 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

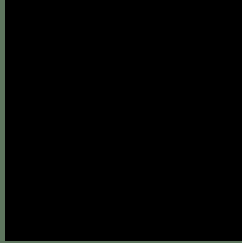
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5E765E Background



This preview shows how black text looks on a background with the Hex color 5E765E.

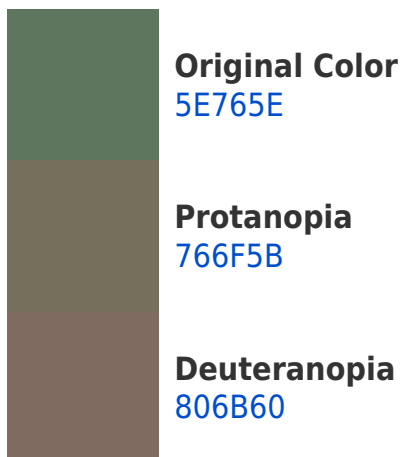


This preview shows how white text looks on a background with the Hex color 5E765E.

# 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





**Tritanopia**  
63727B

# Trichromacy



**Original Color**  
5E765E

**Protanomaly**  
6D725C

**Deuteranomaly**  
746F5F

**Tritanomaly**  
617370

# Monochromacy



**Original Color**  
5E765E

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
677067

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E765E 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 #5E765E looks like.

```
.text, #text, p{  
    color:#5E765E  
}
```

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 #5E765E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E765E
}
```

## Border

The CSS property to change the border of an element to Hex 5E765E 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".

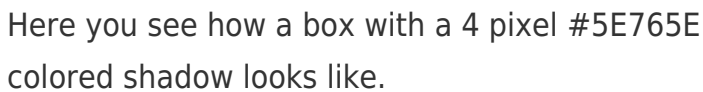
```
.border, #border, table{ border:4px solid
#5E765E }
```

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

```
.border{ border-color:#5E765E }
```

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

Here you see how a box with a 4 pixel #5E765E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E765E; -webkit-box-shadow:4px 4px  
4px 4px #5E765E; box-shadow:4px 4px 4px  
4px #5E765E }
```

# Background

The CSS property to change the background color of an element to Hex 5E765E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E765E }
```

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

```
.background{ background-color:#5E765E }
```

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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