

# Converting Colors

Hex(5E7E56)

Have a look what the booklet for  
Hex(5E7E56) contains.

<b>Hex(5E7E56)</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(5E7E56)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E7E56
RGB	94, 126, 86
RGB Percent	37%, 49%, 34%
CMY	0.6314, 0.5059, 0.6627
CMYK	0.25, 0.00, 0.32, 0.51
HSL	108°, 19%, 42%
HSV	108°, 32%, 49%
XYZ	13.7567, 17.9733, 11.5482
YIQ	111.8720, -6.2320, -19.2240

# Conversions

## Conversions Part 2

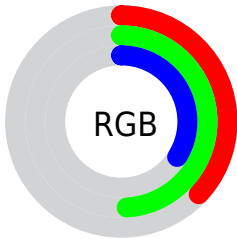
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	86, 126, 118
Decimal	6192726
CIE <sub>Lab</sub>	49.46, -19.65, 18.20
CIE <sub>LCh</sub>	49, 26.783, 137.200
Yxy	17.9733, 0.3179, 0.4153
Android (android.graphics.Color)	4284382806 (0xFF5E7E56)
YUV	111.8720, -12.7549, -15.6737
Hunter-Lab	42.3949, -16.2699, 13.5260

# Details

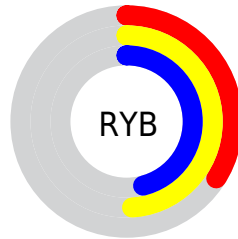
The Hex color **5E7E56** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **76567E**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **91B388**, and **2E4D28** is the 20% darker color. If you saturate the color by 10%, you get **547E49**, and if you desaturate by 10%, it is **687E63**.

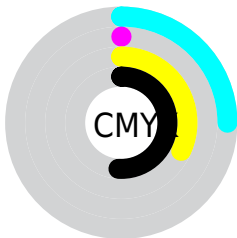
# Distribution



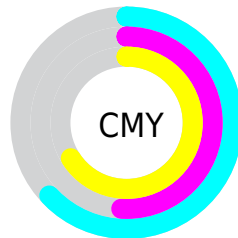
- Red (37%)
- Green (49%)
- Blue (34%)



- Red (34%)
- Yellow (49%)
- Blue (46%)



- Cyan (25%)
- Magenta (0%)
- Yellow (32%)
- Black (51%)



- Cyan (63%)
- Magenta (51%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E7E56 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 5E7E56 by changing the saturation by 10% instead.





5E7E56



5E7E56

FFFFFF



46653F



91B388



2E4D28



ACCEA2



183613



C8EBBD



022100



E4FFD9



000000



FFFFF6



5E7E56



5E7E56



547E49



687E63



4A7E3D



727E6F

 407E30

 7C7E7C

 367E24

 867E88

 2C7E17

 907E95

 227E0A

 9A7EA2

 197E00

 A57EAE

 AF7EBB

 B97EC7

# Harmonies

## Analogous

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



78784A



5E7E56



42816B

# Triad

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



5E7E56



467BA1



A26569

# Complementary

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



5E7E56



76567E

# 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.



9C6580



5E7E56



6A73A1

# Square

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



5E7E56



268096



896B95



9D6955

# Rectangle

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



5E7E56



2F827A



896B95



A26471



# Sweetspot

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



5E7E56



96A393



7E7656



4A5248



D1D1D1



525252



# Same Dimension

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



5E7E56



72A365



567E62



3B4039



1A8000



000000



# Inverse Universe

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



76567E



9765A3



7E5672



3E3940



660080

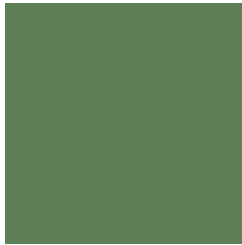


000000



# Previews

## White Background



This preview shows how the Hex color 5E7E56 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 ✓ Pass

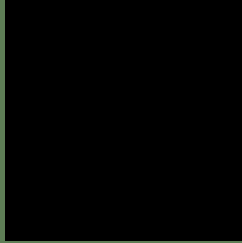
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5E7E56 Background



This preview shows how black text looks on a background with the Hex color 5E7E56.



This preview shows how white text looks on a background with the Hex color 5E7E56.

# 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**  
657882

# Trichromacy



**Original Color**  
5E7E56

**Protanomaly**  
737853

**Deuteranomaly**  
7A7558

**Tritanomaly**  
627A72

# Monochromacy



**Original Color**  
5E7E56

**Achromatopsia**  
707070

**Achromatomaly**  
697567

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E7E56 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 #5E7E56 looks like.

```
.text, #text, p{  
    color:#5E7E56  
}
```

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 #5E7E56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E7E56
}
```

## Border

The CSS property to change the border of an element to Hex 5E7E56 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
#5E7E56 }
```

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

```
.border{ border-color:#5E7E56 }
```

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

Here you see how a box with a 4 pixel #5E7E56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E7E56; -webkit-box-shadow:4px 4px  
4px 4px #5E7E56; box-shadow:4px 4px 4px  
4px #5E7E56 }
```

# Background

The CSS property to change the background color of an element to Hex 5E7E56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E7E56 }
```

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

```
.background{ background-color:#5E7E56 }
```

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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