

# Converting Colors

Hex(5E7865)

Have a look what the booklet for  
Hex(5E7865) contains.

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# Color

Hex(5E7865)

# Conversions

## Conversions Part 1

Format	Color
Hex	5E7865
RGB	94, 120, 101
RGB Percent	37%, 47%, 40%
CMY	0.6314, 0.5294, 0.6039
CMYK	0.22, 0.00, 0.16, 0.53
HSL	136°, 12%, 42%
HSV	136°, 22%, 47%
XYZ	13.6815, 16.7522, 14.8243
YIQ	110.0600, -9.3970, -11.4210

# Conversions

## Conversions Part 2

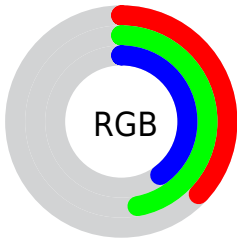
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 114, 120
Decimal	6191205
CIE <sub>Lab</sub>	47.95, -13.59, 7.36
CIE <sub>LCh</sub>	48, 15.457, 151.550
Yxy	16.7522, 0.3023, 0.3701
Android (android.graphics.Color)	4284381285 (0xFF5E7865)
YUV	110.0600, -4.4666, -14.0846
Hunter-Lab	40.9295, -11.9592, 7.1763

# Details

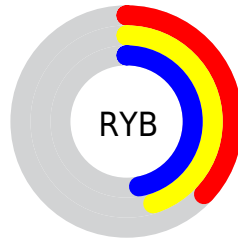
The Hex color **5E7865** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **785E71**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **91AC98**, and **2F4736** is the 20% darker color. If you saturate the color by 10%, you get **52785C**, and if you desaturate by 10%, it is **6A786E**.

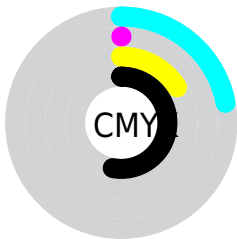
# Distribution



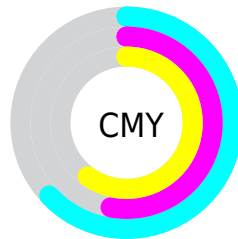
- Red (37%)
- Green (47%)
- Blue (40%)



- Red (37%)
- Yellow (45%)
- Blue (47%)



- Cyan (22%)
- Magenta (0%)
- Yellow (16%)
- Black (53%)



- Cyan (63%)
- Magenta (53%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E7865 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 5E7865 by changing the saturation by 10% instead.



■ 5E7865

■ 5E7865

FFFFFF

■ 465F4D

■ 91AC98

■ 2F4736

■ ABC8B3

■ 193121

■ C7E4CE

■ 021C0A

■ E3FFE4

■ 000000

■ 5E7865

■ 5E7865

■ 52785C

■ 6A786E

■ 467853

■ 767877

■ 3A784B

■ 82787F

■ 2E7842

■ 8E7888

■ 227839

■ 9A7891

■ 167830

■ A6789A

■ 0A7828

■ B278A2

■ 007820

■ BE78AB

■ CA78B4

# Harmonies

## Analogous

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



6D755B



5E7865



527972

# Triad

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



5E7865



63738C



8C6A65

# Complementary

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



5E7865



785E71

# 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.



8C6972



5E7865



756E88

# Square

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



5E7865



547688



836A7E



866D5B

# Rectangle

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



5E7865



4E797B



836A7E



8D6969



# Sweetspot

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



5E7865



919C94



71785E



494F4A



CFCFCF



4F4F4F



# Same Dimension

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



5E7865



739C7E



5E7872



373D39



007D22



00FC44



# Inverse Universe

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



785E71



9C7391



785E64



3D373C



7D005B



FC00B8



# Previews

## White Background



This preview shows how the Hex color 5E7865 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

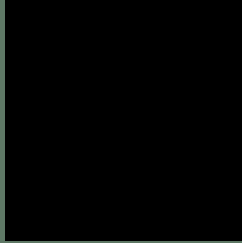
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5E7865 Background



This preview shows how black text looks on a background with the Hex color 5E7865.

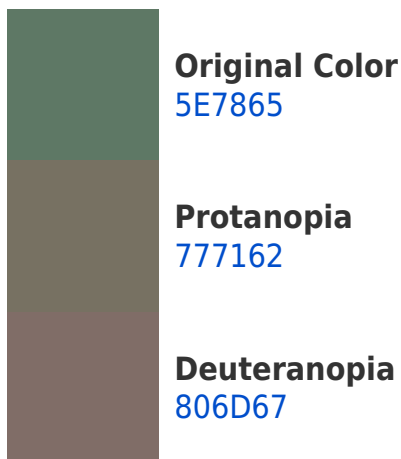


This preview shows how white text looks on a background with the Hex color 5E7865.

# 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**  
62757E

# Trichromacy



**Original Color**  
5E7865

**Protanomaly**  
6E7463

**Deuteranomaly**  
747166

**Tritanomaly**  
617675

# Monochromacy



**Original Color**  
5E7865

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
68726B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E7865 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 #5E7865 looks like.

```
.text, #text, p{  
    color:#5E7865  
}
```

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 #5E7865 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E7865
}
```

## Border

The CSS property to change the border of an element to Hex 5E7865 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".

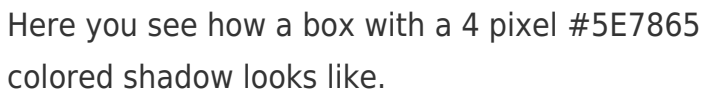
```
.border, #border, table{ border:4px solid
#5E7865 }
```

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

```
.border{ border-color:#5E7865 }
```

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

Here you see how a box with a 4 pixel #5E7865 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E7865; -webkit-box-shadow:4px 4px  
4px 4px #5E7865; box-shadow:4px 4px 4px  
4px #5E7865 }
```

# Background

The CSS property to change the background color of an element to Hex 5E7865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E7865 }
```

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

```
.background{ background-color:#5E7865 }
```

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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