

# Converting Colors

Hex(5E977B)

Have a look what the booklet for  
Hex(5E977B) contains.

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**Color**

**Hex(5E977B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5E977B
RGB	94, 151, 123
RGB Percent	37%, 59%, 48%
CMY	0.6314, 0.4078, 0.5176
CMYK	0.38, 0.00, 0.19, 0.41
HSL	151°, 23%, 48%
HSV	151°, 38%, 59%
XYZ	19.2579, 25.9430, 22.7314
YIQ	130.7650, -24.9840, -20.7920

# Conversions

## Conversions Part 2

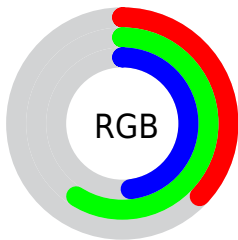
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 132, 151
Decimal	6199163
CIE <sub>Lab</sub>	57.98, -25.22, 8.91
CIE <sub>LCh</sub>	58, 26.749, 160.541
Yxy	25.9430, 0.2835, 0.3819
Android (android.graphics.Color)	4284389243 (0xFF5E977B)
YUV	130.7650, -3.8281, -32.2429
Hunter-Lab	50.9342, -21.6454, 9.1935

# Details

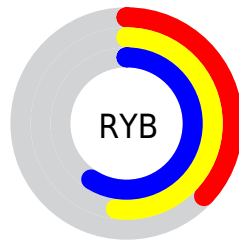
The Hex color **5E977B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **975E7A**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **92CEAF**, and **2B644A** is the 20% darker color. If you saturate the color by 10%, you get **4F9774**, and if you desaturate by 10%, it is **6D9782**.

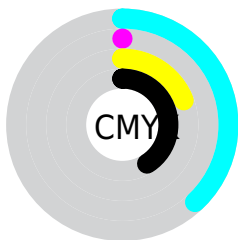
# Distribution



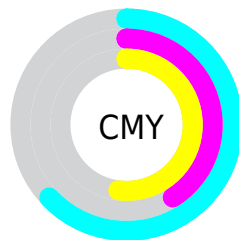
- Red (37%)
- Green (59%)
- Blue (48%)



- Red (37%)
- Yellow (52%)
- Blue (59%)



- Cyan (38%)
- Magenta (0%)
- Yellow (19%)
- Black (41%)



- Cyan (63%)
- Magenta (41%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E977B 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 5E977B by changing the saturation by 10% instead.





5E977B



5E977B

FFFFFF



457D62



92CEAF



2B644A



AEEACB



104B34



CAFFE7



00341E



E6FFFF



002006



000000



5E977B



5E977B



4F9774



6D9782



40976C



7C978A

■ 319765

■ 8B9791

■ 22975D

■ 9A9799

■ 129756

■ AA97A0

■ 03974E

■ B997A8

■ 00974D

■ C897AF

■ D797B6

■ E697BE

# Harmonies

## Analogous

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



799367



5E977B



469893

# Triad

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



5E977B



798BB9



B77D6E

# Complementary

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



5E977B



975E7A

# 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.



BA7A84



5E977B



9982AF

# Square

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



5E977B



5692B7



B07C9B



A98560

# Rectangle

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



5E977B



3E98A2



B07C9B



B97C75



# Sweetspot

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



5E977B



AFC4BA



7B975E



57635D



E3E3E3



636363



# Same Dimension

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



5E977B



6CC499



5E9797



454D49



008C47



000D06



# Inverse Universe

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



975E7A



C46C97



975E5E



4D4549



8C0045

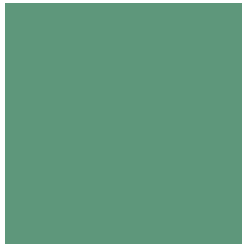


0D0006



# Previews

## White Background



This preview shows how the Hex color 5E977B looks on a white 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

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

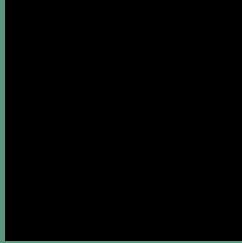
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5E977B Background



This preview shows how black text looks on a background with the Hex color 5E977B.



This preview shows how white text looks on a background with the Hex color 5E977B.

# 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**  
5E977B

**Protanopia**  
928A75

**Deuteranopia**  
9D867F



**Tritanopia**  
66929E

# Trichromacy



**Original Color**  
5E977B

**Protanomaly**  
7F8F77

**Deuteranomaly**  
868C7E

**Tritanomaly**  
639491

# Monochromacy



**Original Color**  
5E977B

**Achromatopsia**  
838383

**Achromatomaly**  
768A80

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E977B 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 #5E977B looks like.

```
.text, #text, p{  
    color:#5E977B  
}
```

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 #5E977B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E977B
}
```

## Border

The CSS property to change the border of an element to Hex 5E977B 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
#5E977B }
```

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

```
.border{ border-color:#5E977B }
```

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

Here you see how a box with a 4 pixel #5E977B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E977B; -webkit-box-shadow:4px 4px  
4px 4px #5E977B; box-shadow:4px 4px 4px  
4px #5E977B }
```

# Background

The CSS property to change the background color of an element to Hex 5E977B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E977B }
```

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

```
.background{ background-color:#5E977B }
```

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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