

# Converting Colors

Hex(5C7E6C)

Have a look what the booklet for  
Hex(5C7E6C) contains.

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# Color

Hex(5C7E6C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C7E6C
RGB	92, 126, 108
RGB Percent	36%, 49%, 42%
CMY	0.6392, 0.5059, 0.5765
CMYK	0.27, 0.00, 0.14, 0.51
HSL	148°, 16%, 43%
HSV	148°, 27%, 49%
XYZ	14.5813, 18.2797, 16.9472
YIQ	113.7820, -14.4860, -12.8060

# Conversions

## Conversions Part 2

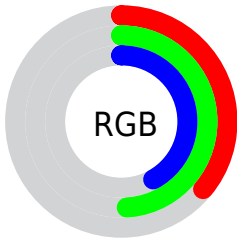
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 115, 126
Decimal	6061676
CIE <sub>Lab</sub>	49.83, -16.10, 5.92
CIE <sub>LCh</sub>	50, 17.157, 159.803
Yxy	18.2797, 0.2927, 0.3670
Android (android.graphics.Color)	4284251756 (0xFF5C7E6C)
YUV	113.7820, -2.8505, -19.1028
Hunter-Lab	42.7548, -13.9446, 6.4269

# Details

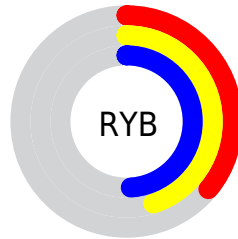
The Hex color **5C7E6C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7E5C6E**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **8FB39F**, and **2D4D3D** is the 20% darker color. If you saturate the color by 10%, you get **4F7E65**, and if you desaturate by 10%, it is **697E73**.

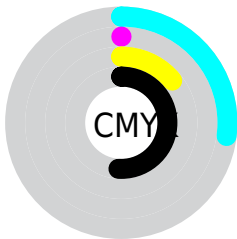
# Distribution



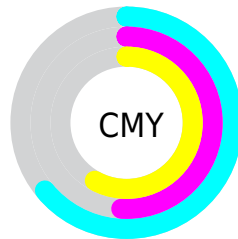
- Red (36%)
- Green (49%)
- Blue (42%)



- Red (36%)
- Yellow (45%)
- Blue (49%)



- Cyan (27%)
- Magenta (0%)
- Yellow (14%)
- Black (51%)



- Cyan (64%)
- Magenta (51%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C7E6C 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 5C7E6C by changing the saturation by 10% instead.





5C7E6C



5C7E6C

FFFFFF



446554



8FB39F



2D4D3D



AACEBA



163627



C5EBD6



002012



E1FFF2



000000

FEFFFF



5C7E6C



5C7E6C



4F7E65



697E73



437E5F



757E79

■ 367E58

■ 827E80

■ 2A7E51

■ 8E7E87

■ 1D7E4B

■ 9B7E8D

■ 107E44

■ A87E94

■ 047E3D

■ B47E9B

■ 007E3B

■ C17EA1

■ CD7EA8

# Harmonies

## Analogous

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



6C7B60



5C7E6C



507F7B

# Triad

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



5C7E6C



6C7693



936E65

# Complementary

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



5C7E6C



7E5C6E

# 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.



946C72



5C7E6C



7F718D

# Square

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



5C7E6C



597B91



8D6D81



8A725C

# Rectangle

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



5C7E6C



4D7E84



8D6D81



946D69



# Sweetspot

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



5C7E6C



96A39C



6E7E5C



49524D



D1D1D1



525252



# Same Dimension

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



5C7E6C



6FA388



5C7E7D



39403C



00803C



000000



# Inverse Universe

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



7E5C6E



A36F8B



7E5C5D



40393D



800043



000000



# Previews

## White Background



This preview shows how the Hex color 5C7E6C looks on a white background.

## Color Contrast Check

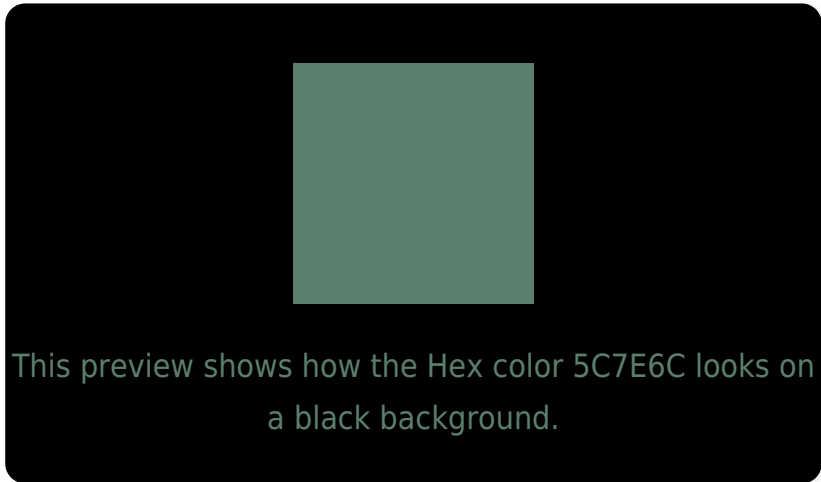
Large Text (above 18pt) WCAG AA ✓ Pass

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

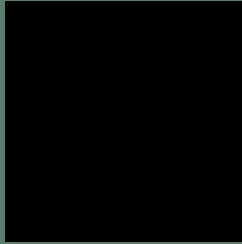
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5C7E6C Background



This preview shows how black text looks on a background with the Hex color 5C7E6C.

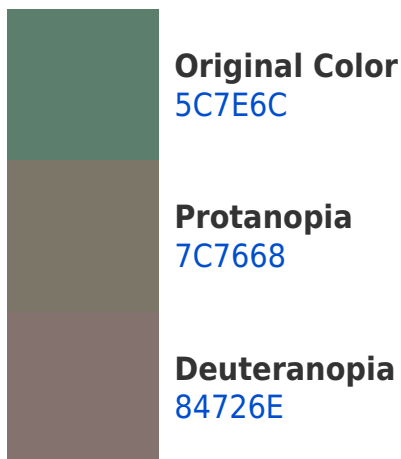


This preview shows how white text looks on a background with the Hex color 5C7E6C.

# 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**  
617B84

# Trichromacy



**Original Color**  
5C7E6C

**Protanomaly**  
707969

**Deuteranomaly**  
75766D

**Tritanomaly**  
5F7C7B

# Monochromacy



**Original Color**  
5C7E6C

**Achromatopsia**  
727272

**Achromatomaly**  
6A7670

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C7E6C 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 #5C7E6C looks like.

```
.text, #text, p{  
    color:#5C7E6C  
}
```

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 #5C7E6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C7E6C
}
```

## Border

The CSS property to change the border of an element to Hex 5C7E6C 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".

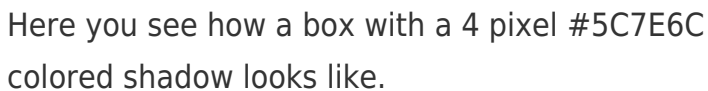
```
.border, #border, table{ border:4px solid
#5C7E6C }
```

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

```
.border{ border-color:#5C7E6C }
```

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

Here you see how a box with a 4 pixel #5C7E6C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C7E6C; -webkit-box-shadow:4px 4px  
4px 4px #5C7E6C; box-shadow:4px 4px 4px  
4px #5C7E6C }
```

# Background

The CSS property to change the background color of an element to Hex 5C7E6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C7E6C }
```

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

```
.background{ background-color:#5C7E6C }
```

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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