

Converting Colors

Hex(5B7E6C)

Have a look what the booklet for
Hex(5B7E6C) contains.

Hex(5B7E6C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5B7E6C)

Conversions

Conversions Part 1

Format	Color
Hex	5B7E6C
RGB	91, 126, 108
RGB Percent	36%, 49%, 42%
CMY	0.6431, 0.5059, 0.5765
CMYK	0.28, 0.00, 0.14, 0.51
HSL	149°, 16%, 43%
HSV	149°, 28%, 49%
XYZ	14.4820, 18.2286, 16.9425
YIQ	113.4830, -15.0820, -13.0180

Conversions

Conversions Part 2

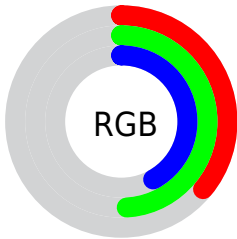
Format	Color
R_{YB}	91, 115, 126
Decimal	5996140
CIE _{Lab}	49.77, -16.45, 5.83
CIE _{LCh}	50, 17.448, 160.489
Yxy	18.2286, 0.2917, 0.3671
Android (android.graphics.Color)	4284186220 (0xFF5B7E6C)
YUV	113.4830, -2.7031, -19.7176
Hunter-Lab	42.6949, -14.1694, 6.3585

Details

The Hex color **5B7E6C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7E5B6D**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **8EB39F**, and **2C4D3D** is the 20% darker color. If you saturate the color by 10%, you get **4E7E66**, and if you desaturate by 10%, it is **687E72**.

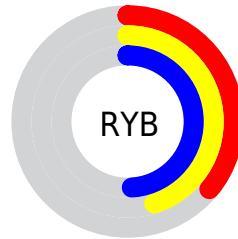
Distribution



Red (36%)

Green (49%)

Blue (42%)



Red (36%)

Yellow (45%)

Blue (49%)

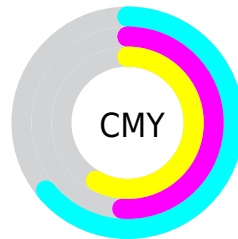


Cyan (28%)

Magenta (0%)

Yellow (14%)

Black (51%)



Cyan (64%)

Magenta (51%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B7E6C 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 5B7E6C by changing the saturation by 10% instead.



5B7E6C



5B7E6C

FFFFFF



436554



8EB39F



2C4D3D



A9CEBA



153627



C4EBD6



002012



E0FFF2



000000



FDFFFF



5B7E6C



5B7E6C



4E7E66



687E72



427E5F



747E79

 357E59

 817E7F

 297E52

 8D7E86

 1C7E4C

 9A7E8C

 0F7E45

 A77E93

 037E3F

 B37E99

 007E3D

 C07EA0

 CC7EA6

Harmonies

Analogous

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



6B7B60



5B7E6C



4F7F7B

Triad

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



5B7E6C



6C7693



936E64

Complementary

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



5B7E6C



7E5B6D

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.



956C72



5B7E6C



7F718D

Square

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



5B7E6C



597B92



8E6D81



8A725B

Rectangle

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



5B7E6C



4C7E85



8E6D81



946D68

Sweetspot

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



5B7E6C



96A39C



6D7E5B



49524D



D1D1D1



525252

Same Dimension

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



5B7E6C



6DA388



5B7E7D



39403C



00803E



000000

Inverse Universe

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



7E5B6D



A36D89



7E5B5C



40393D



800042



000000

Previews

White Background



This preview shows how the Hex color 5B7E6C 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

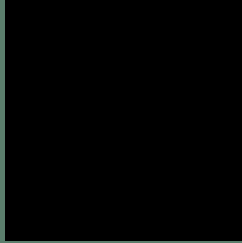
Any Text WCAG AA ✓ Pass

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 5B7E6C Background



This preview shows how black text looks on a background with the Hex color 5B7E6C.

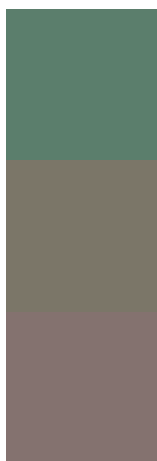


This preview shows how white text looks on a background with the Hex color 5B7E6C.

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
5B7E6C

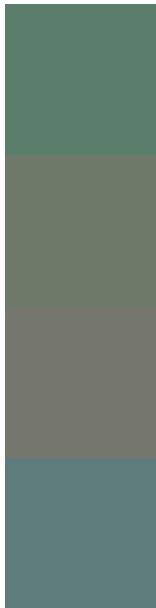
Protanopia
7B7668

Deuteranopia
84726F



Tritanopia
607B84

Trichromacy



Original Color
5B7E6C

Protanomaly
6F7969

Deuteranomaly
75766E

Tritanomaly
5E7C7B

Monochromacy



Original Color
5B7E6C

Achromatopsia
717171

Achromatomaly
69766F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B7E6C 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 #5B7E6C looks like.

```
.text, #text, p{  
    color:#5B7E6C  
}
```

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 #5B7E6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B7E6C  
}
```

Border

The CSS property to change the border of an element to Hex 5B7E6C 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".

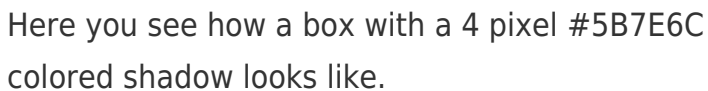
```
.border, #border, table{ border:4px solid  
#5B7E6C }
```

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

```
.border{ border-color:#5B7E6C }
```

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

Here you see how a box with a 4 pixel #5B7E6C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B7E6C; -webkit-box-shadow:4px 4px  
4px 4px #5B7E6C; box-shadow:4px 4px 4px  
4px #5B7E6C }
```

Background

The CSS property to change the background color of an element to Hex 5B7E6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B7E6C }
```

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

```
.background{ background-color:#5B7E6C }
```

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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