

Converting Colors

Hex(6E7C77)

Have a look what the booklet for
Hex(6E7C77) contains.

Hex(6E7C77)	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(6E7C77)

Conversions

Conversions Part 1

Format	Color
Hex	6E7C77
RGB	110, 124, 119
RGB Percent	43%, 49%, 47%
CMY	0.5686, 0.5137, 0.5333
CMYK	0.11, 0.00, 0.04, 0.51
HSL	159°, 6%, 46%
HSV	159°, 11%, 49%
XYZ	16.9678, 19.0622, 20.2378
YIQ	119.2440, -6.7390, -4.5230

Conversions

Conversions Part 2

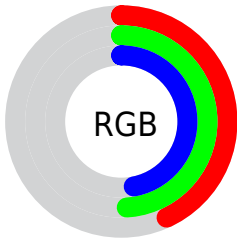
Format	Color
RYB	110, 119, 124
Decimal	7240823
CIELab	50.76, -6.22, 0.97
CIELCh	51, 6.297, 171.185
Yxy	19.0622, 0.3016, 0.3388
Android (android.graphics.Color)	4285430903 (0xFF6E7C77)
YUV	119.2440, -0.1203, -8.1070
Hunter-Lab	43.6603, -7.0345, 3.0795

Details

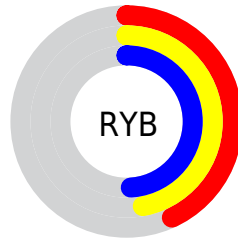
The Hex color **6E7C77** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7C6E73**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **A2B1AB**, and **3E4B47** is the 20% darker color. If you saturate the color by 10%, you get **627C73**, and if you desaturate by 10%, it is **7A7C7B**.

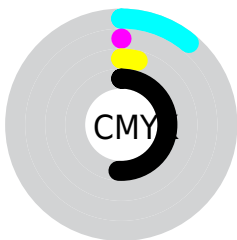
Distribution



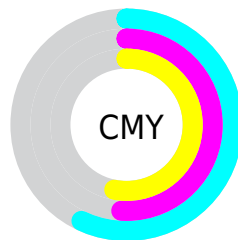
- Red (43%)
- Green (49%)
- Blue (47%)



- Red (43%)
- Yellow (47%)
- Blue (49%)



- Cyan (11%)
- Magenta (0%)
- Yellow (4%)
- Black (51%)



- Cyan (57%)
- Magenta (51%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E7C77 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 6E7C77 by changing the saturation by 10% instead.



6E7C77



6E7C77

FFFFFF



56635E



A2B1AB



3E4B47



BDCCC6



283530



D8E8E2



141F1C



F5FFFF



000500



000000



6E7C77



6E7C77



627C73



7A7C7B



557C6E



877C80

497C6A

937C84

3C7C65

A07C89

307C61

AC7C8D

247C5C

B87C92

177C58

C57C96

0B7C54

D17C9A

007C50

DE7C9F

Harmonies

Analogous

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



737B72



6E7C77



6C7C7C

Triad

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



6E7C77



787883



837671

Complementary

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



6E7C77



7C6E73

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.



857575



6E7C77



7E7680

Square

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



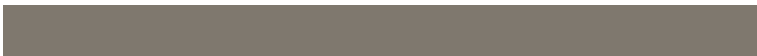
6E7C77



727A83



83757B



7F786E

Rectangle

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



6E7C77



6C7C80



83757B



847672

Sweetspot

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



6E7C77



9CA19F



737C6E



4E5250



D1D1D1



525252

Same Dimension

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



6E7C77



8AA199



6E7A7C



373D3B



007D50



00FCA2

Inverse Universe

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



7C6E73



A18A92



7C706E



3D3739



7D002D



FC005A

Previews

White Background



This preview shows how the Hex color 6E7C77 looks on a white background.

Color Contrast Check

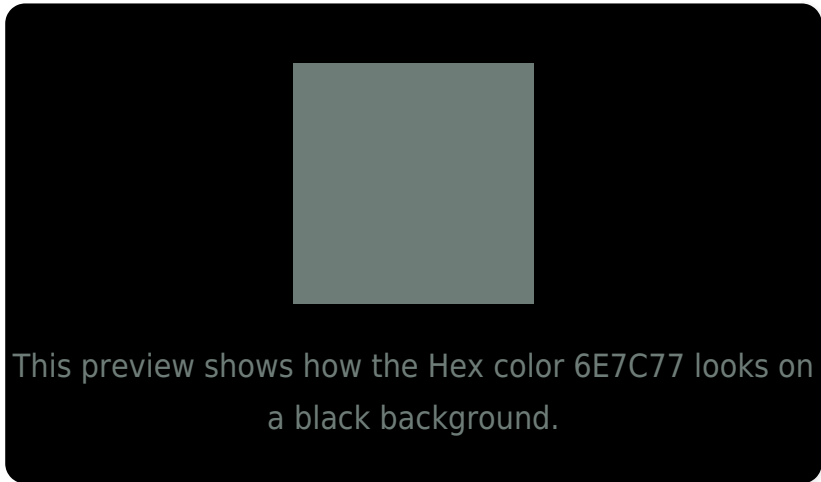
Large Text (above 18pt) WCAG AA ✓ Pass

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

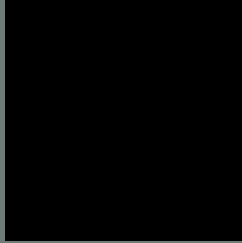
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

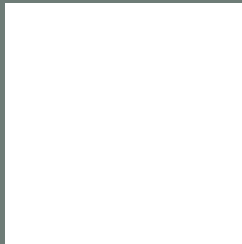
Any Text WCAG AAA × Fail

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

Hex 6E7C77 Background



This preview shows how black text looks on a background with the Hex color 6E7C77.



This preview shows how white text looks on a background with the Hex color 6E7C77.

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](#).

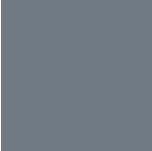
Dichromacy



Original Color
6E7C77

Protanopia
7C7875

Deuteranopia
847578



Tritanopia
707A84

Trichromacy



Original Color
6E7C77

Protanomaly
777976

Deuteranomaly
7C7878

Tritanomaly
6F7B7F

Monochromacy



Original Color
6E7C77

Achromatopsia
777777

Achromatomaly
747977

CSS Examples

Text

The CSS property to change the color of the text to Hex 6E7C77 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 #6E7C77 looks like.

```
.text, #text, p{  
    color:#6E7C77  
}
```

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 #6E7C77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E7C77
}
```

Border

The CSS property to change the border of an element to Hex 6E7C77 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
#6E7C77 }
```

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

```
.border{ border-color:#6E7C77 }
```

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

Here you see how a box with a 4 pixel #6E7C77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E7C77; -webkit-box-shadow:4px 4px  
4px 4px #6E7C77; box-shadow:4px 4px 4px  
4px #6E7C77 }
```

Background

The CSS property to change the background color of an element to Hex 6E7C77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E7C77 }
```

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

```
.background{ background-color:#6E7C77 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor