

# Converting Colors

Hex(6C7D7E)

Have a look what the booklet for  
Hex(6C7D7E) contains.

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# Color

Hex(6C7D7E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C7D7E
RGB	108, 125, 126
RGB Percent	42%, 49%, 49%
CMY	0.5765, 0.5098, 0.5059
CMYK	0.14, 0.01, 0.00, 0.51
HSL	183°, 8%, 46%
HSV	183°, 14%, 49%
XYZ	17.2839, 19.3617, 22.5649
YIQ	120.0310, -10.4530, -3.2930

# Conversions

## Conversions Part 2

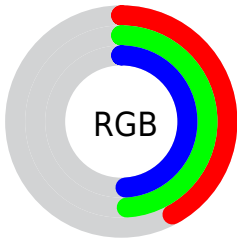
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 117, 126
Decimal	7110014
CIE <sub>Lab</sub>	51.11, -5.99, -2.65
CIE <sub>LCh</sub>	51, 6.547, 203.900
Yxy	19.3617, 0.2919, 0.3270
Android (android.graphics.Color)	4285300094 (0xFF6C7D7E)
YUV	120.0310, 2.9427, -10.5512
Hunter-Lab	44.0020, -6.8891, 0.3965

# Details

The Hex color **6C7D7E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7E6D6C**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **A0B2B3**, and **3C4C4D** is the 20% darker color. If you saturate the color by 10%, you get **5F7C7E**, and if you desaturate by 10%, it is **797E7E**.

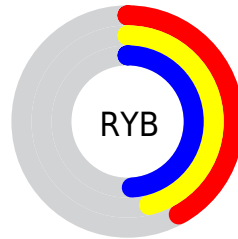
# Distribution



Red (42%)

Green (49%)

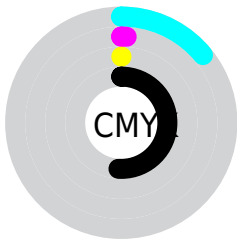
Blue (49%)



Red (42%)

Yellow (46%)

Blue (49%)

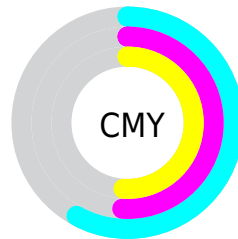


Cyan (14%)

Magenta (1%)

Yellow (0%)

Black (51%)



Cyan (58%)

Magenta (51%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C7D7E 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 6C7D7E by changing the saturation by 10% instead.





6C7D7E



6C7D7E

FFFFFF



546465



A0B2B3



3C4C4D



BBCDCE



263536



D6E9EA



112021



F3FFFF



00080A



000000



6C7D7E



6C7D7E



5F7C7E



797E7E



537C7E



857E7E

467B7E

927F7E

3A7A7E

9E807E

2D797E

AB817E

20797E

B8817E

14787E

C4827E

07777E

D1837E

00777E

DD837E

# Harmonies

## Analogous

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



6E7D78



6C7D7E



6E7C83

# Triad

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



6C7D7E



807780



80796F

# Complementary

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



6C7D7E



7E6D6C

# 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.



847771



6C7D7E



85767B

# Square

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



6C7D7E



7A7984



867675



797B6F

# Rectangle

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



6C7D7E



717B84



867675



81786F



# Sweetspot

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



6C7D7E



9DA3A3



6C7E6D



4E5152



D1D1D1



525252



# Same Dimension

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



6C7D7E



87A2A3



6C747E



393F40



007880



000000



# Inverse Universe

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



7E6C7D



A387A2



7E766C



40393F



800078



000000



# Previews

## White Background



This preview shows how the Hex color 6C7D7E looks on a white background.

## Color Contrast Check

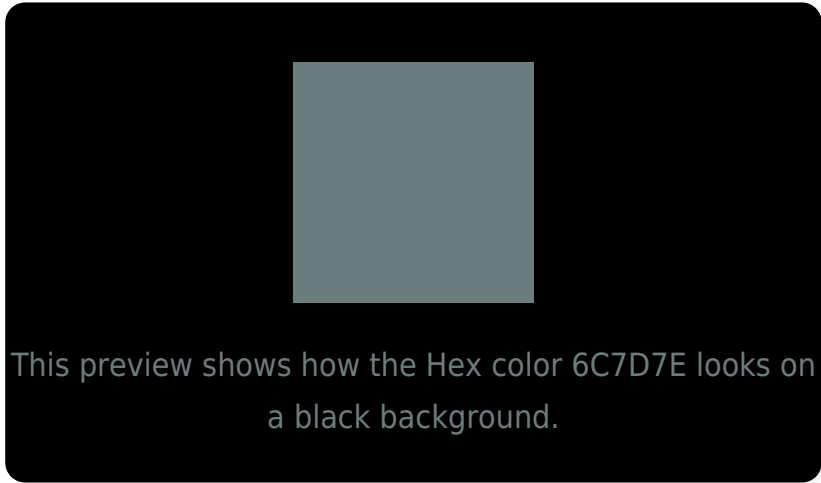
Large Text (above 18pt) WCAG AA ✓ Pass

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

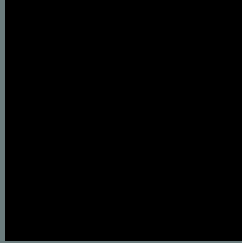
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

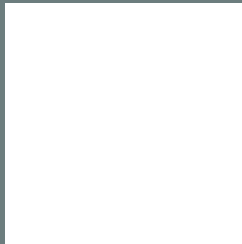
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6C7D7E Background



This preview shows how black text looks on a background with the Hex color 6C7D7E.



This preview shows how white text looks on a background with the Hex color 6C7D7E.

# 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](#).

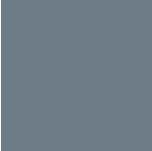
## Dichromacy



**Original Color**  
6C7D7E

**Protanopia**  
7B797C

**Deuteranopia**  
83767F



**Tritanopia**  
6D7C86

# Trichromacy



**Original Color**  
6C7D7E

**Protanomaly**  
767A7D

**Deuteranomaly**  
7B797F

**Tritanomaly**  
6D7C83

# Monochromacy



**Original Color**  
6C7D7E

**Achromatopsia**  
787878

**Achromatomaly**  
747A7A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C7D7E 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 #6C7D7E looks like.

```
.text, #text, p{  
    color:#6C7D7E  
}
```

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 #6C7D7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C7D7E
}
```

## Border

The CSS property to change the border of an element to Hex 6C7D7E 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
#6C7D7E }
```

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

```
.border{ border-color:#6C7D7E }
```

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

Here you see how a box with a 4 pixel #6C7D7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C7D7E; -webkit-box-shadow:4px 4px  
4px 4px #6C7D7E; box-shadow:4px 4px 4px  
4px #6C7D7E }
```

# Background

The CSS property to change the background color of an element to Hex 6C7D7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C7D7E }
```

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

```
.background{ background-color:#6C7D7E }
```

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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