

# Converting Colors

Hex(6B7E79)

Have a look what the booklet for  
Hex(6B7E79) contains.

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# Color

Hex(6B7E79)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B7E79
RGB	107, 126, 121
RGB Percent	42%, 49%, 47%
CMY	0.5804, 0.5059, 0.5255
CMYK	0.15, 0.00, 0.04, 0.51
HSL	164°, 8%, 46%
HSV	164°, 15%, 49%
XYZ	16.9754, 19.4280, 20.9444
YIQ	119.7490, -9.7190, -5.5830

# Conversions

## Conversions Part 2

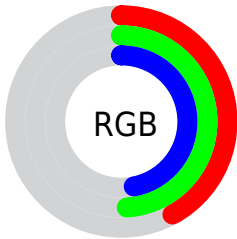
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 118, 126
Decimal	7044729
CIE <sub>Lab</sub>	51.18, -8.01, 0.38
CIE <sub>LCh</sub>	51, 8.019, 177.260
Yxy	19.4280, 0.2960, 0.3388
Android (android.graphics.Color)	4285234809 (0xFF6B7E79)
YUV	119.7490, 0.6167, -11.1809
Hunter-Lab	44.0772, -8.3894, 2.6808

# Details

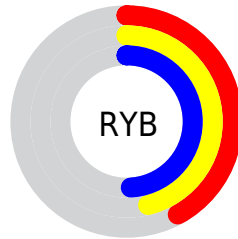
The Hex color **6B7E79** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7E6B70**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **9FB3AD**, and **3B4D49** is the 20% darker color. If you saturate the color by 10%, you get **5E7E76**, and if you desaturate by 10%, it is **787E7C**.

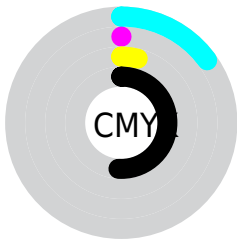
# Distribution



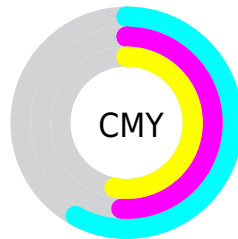
- Red (42%)
- Green (49%)
- Blue (47%)



- Red (42%)
- Yellow (46%)
- Blue (49%)



- Cyan (15%)
- Magenta (0%)
- Yellow (4%)
- Black (51%)



- Cyan (58%)
- Magenta (51%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B7E79 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 6B7E79 by changing the saturation by 10% instead.





6B7E79



6B7E79

FFFFFF



536560



9FB3AD



3B4D49



BACEC9



253632



D5EAE5



11211D



F2FFFF



000803



000000



6B7E79



6B7E79



5E7E76



787E7C



527E72



847E80

457E6F

917E83

397E6C

9D7E86

2C7E68

AA7E8A

1F7E65

B77E8D

137E62

C37E90

067E5E

D07E94

007E5D

DC7E97

# Harmonies

## Analogous

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



717D72



6B7E79



697E80

# Triad

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



6B7E79



7B7886



86776F

# Complementary

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



6B7E79



7E6B70

# 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.



897674



6B7E79



827681

# Square

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



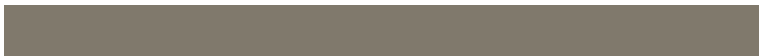
6B7E79



727B87



88757B



80796C

# Rectangle

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



6B7E79



6A7D84



88757B



877670



# Sweetspot

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



6B7E79



9BA3A1



707E6B



4D5250



D1D1D1



525252



# Same Dimension

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



6B7E79



86A39B



6B7A7E



39403E



00805E



000000



# Inverse Universe

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



7E6B70



A3868E



7E6F6B



40393B



800022



000000



# Previews

## White Background



This preview shows how the Hex color 6B7E79 looks on a white background.

## Color Contrast Check

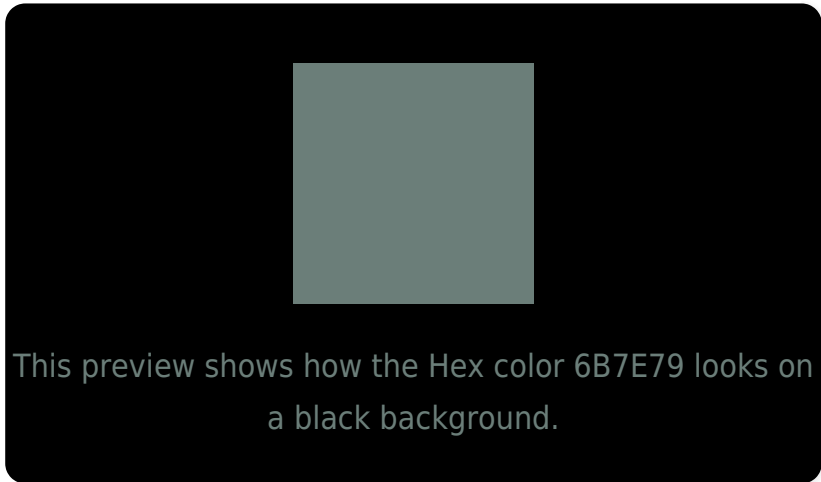
Large Text (above 18pt) WCAG AA ✓ Pass

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

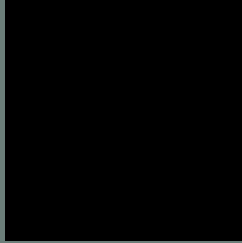
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

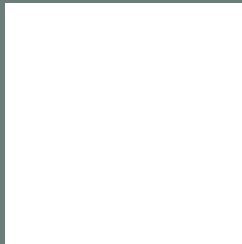
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6B7E79 Background



This preview shows how black text looks on a background with the Hex color 6B7E79.



This preview shows how white text looks on a background with the Hex color 6B7E79.

# 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**  
6B7E79

**Protanopia**  
7D7976

**Deuteranopia**  
85767B



**Tritanopia**  
6D7C86

# Trichromacy



**Original Color**  
6B7E79

**Protanomaly**  
767B77

**Deuteranomaly**  
7C797A

**Tritanomaly**  
6C7D81

# Monochromacy



**Original Color**  
6B7E79

**Achromatopsia**  
787878

**Achromatomaly**  
737A78

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B7E79 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 #6B7E79 looks like.

```
.text, #text, p{  
    color:#6B7E79  
}
```

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 #6B7E79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B7E79
}
```

## Border

The CSS property to change the border of an element to Hex 6B7E79 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
#6B7E79 }
```

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

```
.border{ border-color:#6B7E79 }
```

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

Here you see how a box with a 4 pixel #6B7E79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B7E79; -webkit-box-shadow:4px 4px  
4px 4px #6B7E79; box-shadow:4px 4px 4px  
4px #6B7E79 }
```

# Background

The CSS property to change the background color of an element to Hex 6B7E79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B7E79 }
```

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

```
.background{ background-color:#6B7E79 }
```

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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