

Converting Colors

Hex(6B7D7F)

Have a look what the booklet for
Hex(6B7D7F) contains.

Hex(6B7D7F)	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(6B7D7F)

Conversions

Conversions Part 1

Format	Color
Hex	6B7D7F
RGB	107, 125, 127
RGB Percent	42%, 49%, 50%
CMY	0.5804, 0.5098, 0.5020
CMYK	0.16, 0.02, 0.00, 0.50
HSL	186°, 9%, 46%
HSV	186°, 16%, 50%
XYZ	17.2278, 19.3253, 22.9008
YIQ	119.8460, -11.3700, -3.1940

Conversions

Conversions Part 2

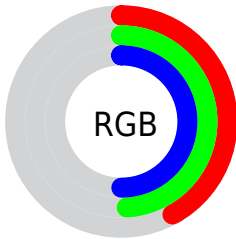
Format	Color
RYB	107, 116, 127
Decimal	7044479
CIELab	51.07, -6.11, -3.31
CIElCh	51, 6.949, 208.438
Yxy	19.3253, 0.2898, 0.3250
Android (android.graphics.Color)	4285234559 (0xFF6B7D7F)
YUV	119.8460, 3.5269, -11.2659
Hunter-Lab	43.9606, -6.9784, -0.1141

Details

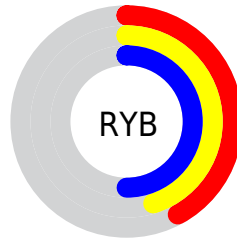
The Hex color **6B7D7F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7F6D6B**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **9FB2B4**, and **3B4C4E** is the 20% darker color. If you saturate the color by 10%, you get **5E7C7F**, and if you desaturate by 10%, it is **787E7F**.

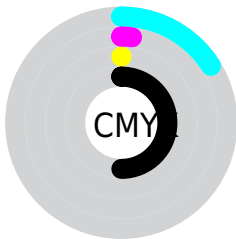
Distribution



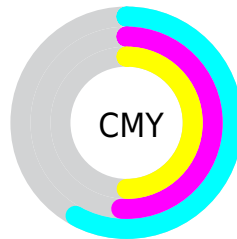
- Red (42%)
- Green (49%)
- Blue (50%)



- Red (42%)
- Yellow (45%)
- Blue (50%)



- Cyan (16%)
- Magenta (2%)
- Yellow (0%)
- Black (50%)



- Cyan (58%)
- Magenta (51%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B7D7F 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 6B7D7F by changing the saturation by 10% instead.

■ 6B7D7F

■ 6B7D7F

FFFFFF

■ 536466

■ 9FB2B4

■ 3B4C4E

■ BACDCF

■ 253537

■ D5E9EB

■ 102022

■ F2FFFF

■ 00080C

■ 000000

■ 6B7D7F

■ 6B7D7F

■ 5E7C7F

■ 787E7F

■ 527A7F

■ 84807F

45797F

91817F

38787F

9E827F

2B777F

AB837F

1F757F

B7857F

12747F

C4867F

05737F

D1877F

00727F

DD887F

Harmonies

Analogous

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



6D7D79



6B7D7F



6D7C83

Triad

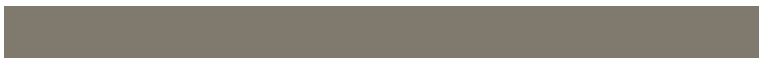
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



6B7D7F



817780



7F796E

Complementary

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



6B7D7F



7F6D6B

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.



847770



6B7D7F



86767A

Square

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



6B7D7F



7B7884



877674



787B6F

Rectangle

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



6B7D7F



717B85



877674



81786E

Sweetspot

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



6B7D7F



9DA5A6



6B7F6D



4F5454



D4D4D4



545454

Same Dimension

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



6B7D7F



86A3A6



6B737F



393F40



007380



000000

Inverse Universe

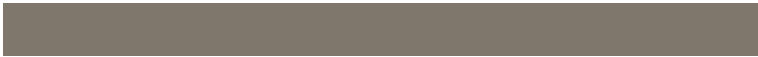
The Inverse Universe completely reimagines the original color for something new.



7F6B7D



A686A3



7F776B



40393F



800073



000000

Previews

White Background



This preview shows how the Hex color 6B7D7F looks on a white background.

Color Contrast Check

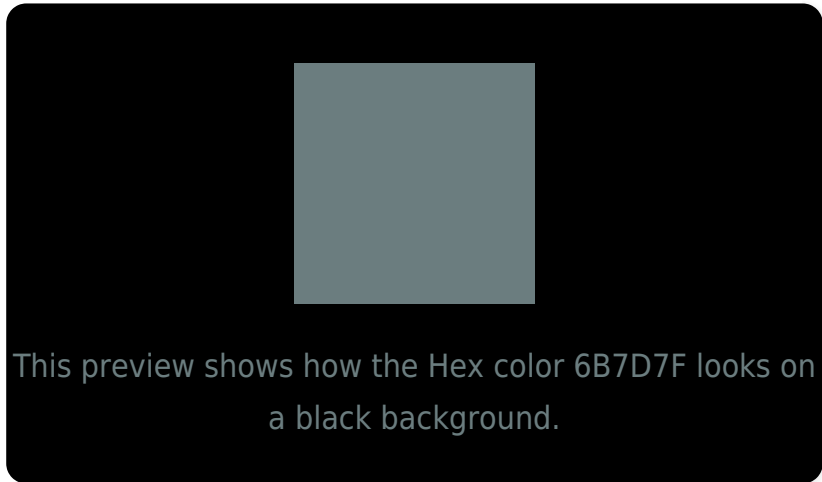
Large Text (above 18pt) WCAG AA ✓ Pass

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

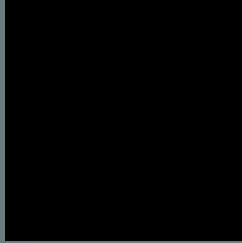
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

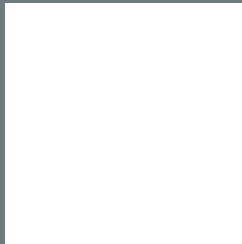
Any Text WCAG AAA × Fail

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

Hex 6B7D7F Background



This preview shows how black text looks on a background with the Hex color 6B7D7F.



This preview shows how white text looks on a background with the Hex color 6B7D7F.

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
6B7D7F

Protanopia
7B797C

Deuteranopia
827680



Tritanopia
6C7C86

Trichromacy



Original Color
6B7D7F

Protanomaly
757A7D

Deuteranomaly
7A7980

Tritanomaly
6C7C83

Monochromacy



Original Color
6B7D7F

Achromatopsia
787878

Achromatomaly
737A7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B7D7F 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 #6B7D7F looks like.

```
.text, #text, p{  
    color:#6B7D7F  
}
```

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 #6B7D7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B7D7F
}
```

Border

The CSS property to change the border of an element to Hex 6B7D7F 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
#6B7D7F }
```

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

```
.border{ border-color:#6B7D7F }
```

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

Here you see how a box with a 4 pixel #6B7D7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B7D7F; -webkit-box-shadow:4px 4px  
4px 4px #6B7D7F; box-shadow:4px 4px 4px  
4px #6B7D7F }
```

Background

The CSS property to change the background color of an element to Hex 6B7D7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B7D7F }
```

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

```
.background{ background-color:#6B7D7F }
```

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