

Converting Colors

Hex(5B7A80)

Have a look what the booklet for
Hex(5B7A80) contains.

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Color

Hex(5B7A80)

Conversions

Conversions Part 1

Format	Color
Hex	5B7A80
RGB	91, 122, 128
RGB Percent	36%, 48%, 50%
CMY	0.6431, 0.5216, 0.4980
CMYK	0.29, 0.05, 0.00, 0.50
HSL	190°, 17%, 43%
HSV	190°, 29%, 50%
XYZ	15.1702, 17.7017, 23.0393
YIQ	113.4150, -20.4020, -4.7060

Conversions

Conversions Part 2

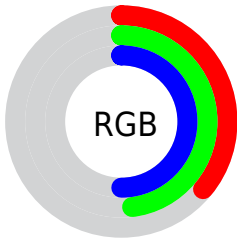
Format	Color
R_{YB}	91, 108, 128
Decimal	5995136
CIE _{Lab}	49.13, -9.52, -6.88
CIE _{LCh}	49, 11.750, 215.854
Yxy	17.7017, 0.2713, 0.3166
Android (android.graphics.Color)	4284185216 (0xFF5B7A80)
YUV	113.4150, 7.1904, -19.6580
Hunter-Lab	42.0734, -9.2676, -3.0157

Details

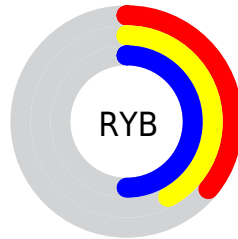
The Hex color **5B7A80** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **80615B**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **8EAEB5**, and **2B494F** is the 20% darker color. If you saturate the color by 10%, you get **4E7880**, and if you desaturate by 10%, it is **687C80**.

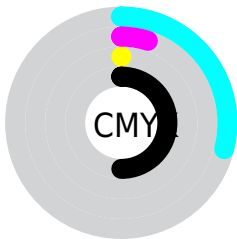
Distribution



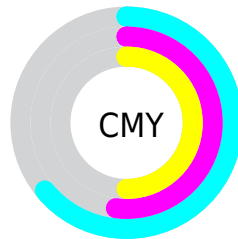
- Red (36%)
- Green (48%)
- Blue (50%)



- Red (36%)
- Yellow (42%)
- Blue (50%)



- Cyan (29%)
- Magenta (5%)
- Yellow (0%)
- Black (50%)



- Cyan (64%)
- Magenta (52%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B7A80 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 5B7A80 by changing the saturation by 10% instead.

■ 5B7A80

■ 5B7A80

FFFFFF

■ 436167

■ 8EAEB5

■ 2B494F

■ A9CAD0

■ 143338

■ C4E6ED

■ 001E23

■ E1FFFF

■ 00010D

FEFFFF

■ 000000

■ 5B7A80

■ 5B7A80

■ 4E7880

■ 687C80

■ 417680

■ 757E80

■ 357480

■ 818080

■ 287280

■ 8E8280

■ 1B7080

■ 9B8480

■ 0E6E80

■ A88680

■ 016B80

■ B58980

■ 006B80

■ C18B80

■ CE8D80

Harmonies

Analogous

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



5D7B76



5B7A80



617887

Triad

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



5B7A80



846F7D



7B7561

Complementary

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



5B7A80



80615B

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.



847163



5B7A80



896E73

Square

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



5B7A80



797285



896F6A



6F7864

Rectangle

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



5B7A80



687688



896F6A



7E7461

Sweetspot

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



5B7A80



97A3A6



5B8061



4B5354



D4D4D4



545454

Same Dimension

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



5B7A80



6C9CA6



5B6880



393F40



006B80



000000

Inverse Universe

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



805B7A



A66C9C



80735B



40393F



80006B



000000

Previews

White Background



This preview shows how the Hex color 5B7A80 looks on a white background.

Color Contrast Check

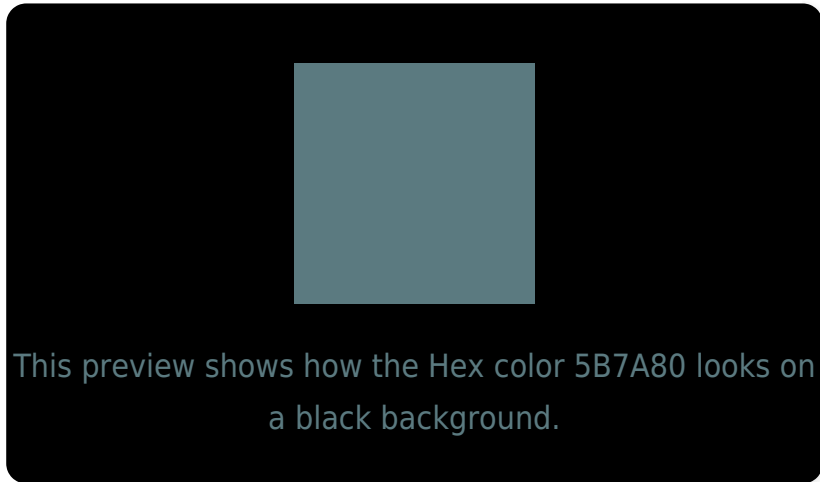
Large Text (above 18pt) WCAG AA ✓ Pass

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

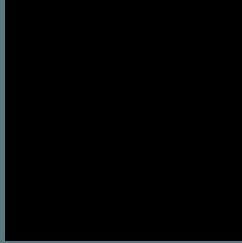
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

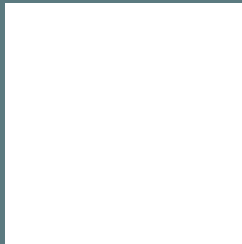
Any Text WCAG AAA × Fail

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

Hex 5B7A80 Background



This preview shows how black text looks on a background with the Hex color 5B7A80.

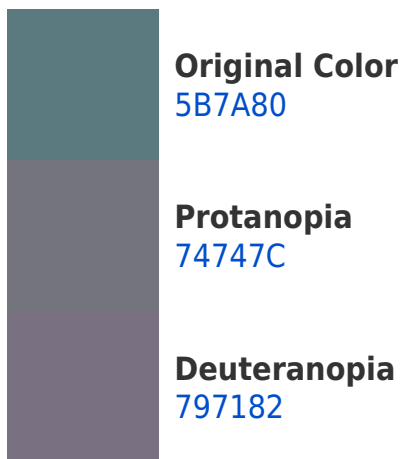


This preview shows how white text looks on a background with the Hex color 5B7A80.

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](#).

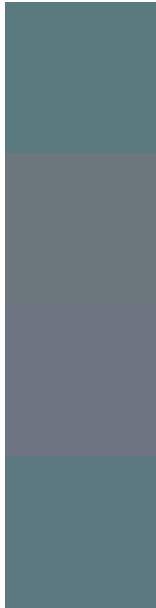
Dichromacy





Tritanopia
5C7983

Trichromacy



Original Color
5B7A80

Protanomaly
6B767D

Deuteranomaly
6E7481

Tritanomaly
5C7982

Monochromacy



Original Color
5B7A80

Achromatopsia
717171

Achromatomaly
697476

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B7A80 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 #5B7A80 looks like.

```
.text, #text, p{  
    color:#5B7A80  
}
```

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 #5B7A80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B7A80
}
```

Border

The CSS property to change the border of an element to Hex 5B7A80 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
#5B7A80 }
```

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

```
.border{ border-color:#5B7A80 }
```

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

Here you see how a box with a 4 pixel #5B7A80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B7A80; -webkit-box-shadow:4px 4px  
4px 4px #5B7A80; box-shadow:4px 4px 4px  
4px #5B7A80 }
```

Background

The CSS property to change the background color of an element to Hex 5B7A80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B7A80 }
```

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

```
.background{ background-color:#5B7A80 }
```

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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