

Converting Colors

Hex(5B7B80)

Have a look what the booklet for
Hex(5B7B80) contains.

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Color

Hex(5B7B80)

Conversions

Conversions Part 1	
Format	Color
Hex	5B7B80
RGB	91, 123, 128
RGB Percent	36%, 48%, 50%
CMY	0.6431, 0.5176, 0.4980
CMYK	0.29, 0.04, 0.00, 0.50
HSL	188°, 17%, 43%
HSV	188°, 29%, 50%
XYZ	15.2936, 17.9486, 23.0804
YIQ	114.0020, -20.6770, -5.2290

Conversions

Conversions Part 2

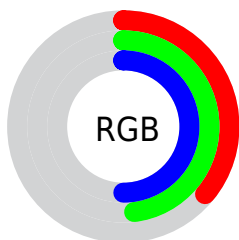
Format	Color
RYB	91, 108, 128
Decimal	5995392
CIELab	49.43, -10.09, -6.43
CIELCh	49, 11.965, 212.524
Yxy	17.9486, 0.2715, 0.3187
Android (android.graphics.Color)	4284185472 (0xFF5B7B80)
YUV	114.0020, 6.9010, -20.1728
Hunter-Lab	42.3658, -9.7033, -2.6446

Details

The Hex color **5B7B80** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **80605B**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **8EAFB5**, and **2B4A4F** is the 20% darker color. If you saturate the color by 10%, you get **4E7980**, and if you desaturate by 10%, it is **687D80**.

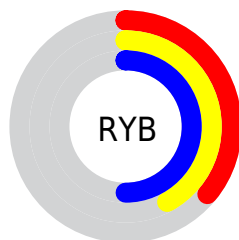
Distribution



Red (36%)

Green (48%)

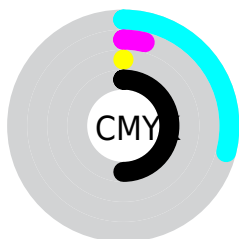
Blue (50%)



Red (36%)

Yellow (42%)

Blue (50%)

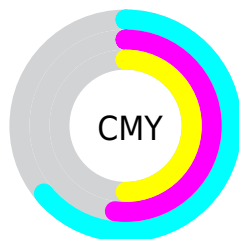


Cyan (29%)

Magenta (4%)

Yellow (0%)

Black (50%)



Cyan (64%)

Magenta (52%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B7B80 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 5B7B80 by changing the saturation by 10% instead.



5B7B80



5B7B80

FFFFFF



436267



8EAFB5



2B4A4F



A9CBD0



143438



C5E7ED



001E23



E1FFFF



00010D

FEFFFF



000000



5B7B80



5B7B80



4E7980





687D80



417880



757E80

 357680 818080 287480 8E8280 1B7280 9B8480 0E7180 A88580 016F80 B58780 006F80 C18980 CE8B80

Harmonies

Analogous

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



5E7B76



5B7B80



607987

Triad

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



5B7B80



84707F



7D7561

Complementary

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



5B7B80



80605B

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.



867264



5B7B80



8A6F75

Square

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



5B7B80



797387



8B6F6B



717864

Rectangle

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



5B7B80



677789



8B6F6B



807462

Sweetspot

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



5B7B80



97A4A6



5B8060



4B5354



D4D4D4



545454

Same Dimension

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



5B7B80



6C9EA6



5B6980



393F40



006E80



000000

Inverse Universe

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



805B7B



A66C9E



80725B



40393F



80006E



000000

Previews

White Background



This preview shows how the Hex color 5B7B80 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



This preview shows how the Hex color 5B7B80 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

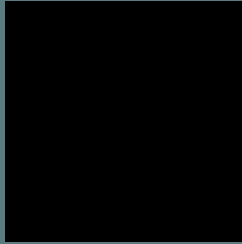
Any Text WCAG AA ✓ Pass

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 5B7B80 Background



This preview shows how black text looks on a background with the Hex color 5B7B80.



This preview shows how white text looks on a background with the Hex color 5B7B80.

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

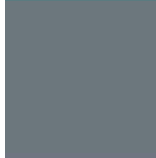
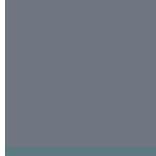


Original Color
5B7B80




Protanopia
75747C

Deuteranopia
7B7282

Trichromacy

	Original Color 5B7B80
	Protanomaly 6C777D
	Deuteranomaly 6F7581
	Tritanomaly 5C7A83

Monochromacy

	Original Color 5B7B80
	Achromatopsia 727272
	Achromatomaly 6A7577

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B7B80 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 #5B7B80 looks like.

```
.text, #text, p{  
    color:#5B7B80  
}
```

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 #5B7B80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B7B80
}
```

Border

The CSS property to change the border of an element to Hex 5B7B80 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
#5B7B80 }
```

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

```
.border{ border-color:#5B7B80 }
```

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

Here you see how a box with a 4 pixel #5B7B80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B7B80; -webkit-box-shadow:4px 4px  
4px 4px #5B7B80; box-shadow:4px 4px 4px  
4px #5B7B80 }
```

Background

The CSS property to change the background color of an element to Hex 5B7B80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B7B80 }
```

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

```
.background{ background-color:#5B7B80 }
```

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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