

Converting Colors

Hex(5A7B80)

Have a look what the booklet for
Hex(5A7B80) contains.

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Color

Hex(5A7B80)

Conversions

Conversions Part 1

Format	Color
Hex	5A7B80
RGB	90, 123, 128
RGB Percent	35%, 48%, 50%
CMY	0.6471, 0.5176, 0.4980
CMYK	0.30, 0.04, 0.00, 0.50
HSL	188°, 17%, 43%
HSV	188°, 30%, 50%
XYZ	15.1957, 17.8981, 23.0759
YIQ	113.7030, -21.2730, -5.4410

Conversions

Conversions Part 2

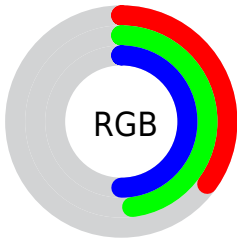
Format	Color
R _Y B	90, 108, 128
Decimal	5929856
CIE Lab	49.37, -10.41, -6.53
CIE LCh	49, 12.286, 212.115
Yxy	17.8981, 0.2705, 0.3186
Android (android.graphics.Color)	4284119936 (0xFF5A7B80)
YUV	113.7030, 7.0484, -20.7875
Hunter-Lab	42.3061, -9.9214, -2.7254

Details

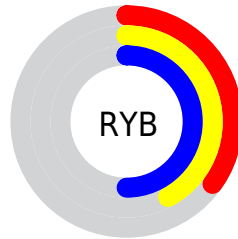
The Hex color **5A7B80** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **805F5A**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **8DB0B5**, and **2A4A4F** is the 20% darker color. If you saturate the color by 10%, you get **4D7980**, and if you desaturate by 10%, it is **677D80**.

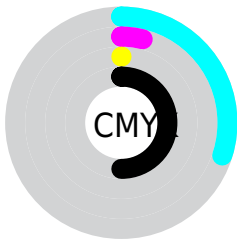
Distribution



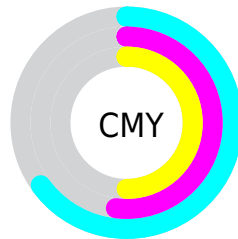
- Red (35%)
- Green (48%)
- Blue (50%)



- Red (35%)
- Yellow (42%)
- Blue (50%)



- Cyan (30%)
- Magenta (4%)
- Yellow (0%)
- Black (50%)



- Cyan (65%)
- Magenta (52%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A7B80 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 5A7B80 by changing the saturation by 10% instead.

■ 5A7B80

■ 5A7B80

FFFFFF

■ 426267

■ 8DB0B5

■ 2A4A4F

■ A8CBD0

■ 123438

■ C4E7ED

■ 001E23

■ E0FFFF

■ 00010D

■ F0FFFF

■ 000000

■ 5A7B80

■ 5A7B80

■ 4D7980

■ 677D80

■ 407880

■ 747E80

■ 347680

■ 808080

■ 277480

■ 8D8280

■ 1A7380

■ 9A8380

■ 0D7180

■ A78580

■ 006F80

■ B48780

■ C08880

■ CD8A80

Harmonies

Analogous

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



5D7B76



5A7B80



5F7987

Triad

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



5A7B80



84707F



7D7561

Complementary

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



5A7B80



805F5A

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.



867163



5A7B80



8A6E75

Square

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



5A7B80



787287



8B6F6B



717864

Rectangle

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



5A7B80



66778A



8B6F6B



807461

Sweetspot

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



5A7B80



97A4A6



5A805E



4B5354



D4D4D4



545454

Same Dimension

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



5A7B80



6A9EA6



5A6980



393F40



006F80



000000

Inverse Universe

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



805A7B



A66A9E



80715A



40393F



80006F



000000

Previews

White Background



This preview shows how the Hex color 5A7B80 looks on a white background.

Color Contrast Check

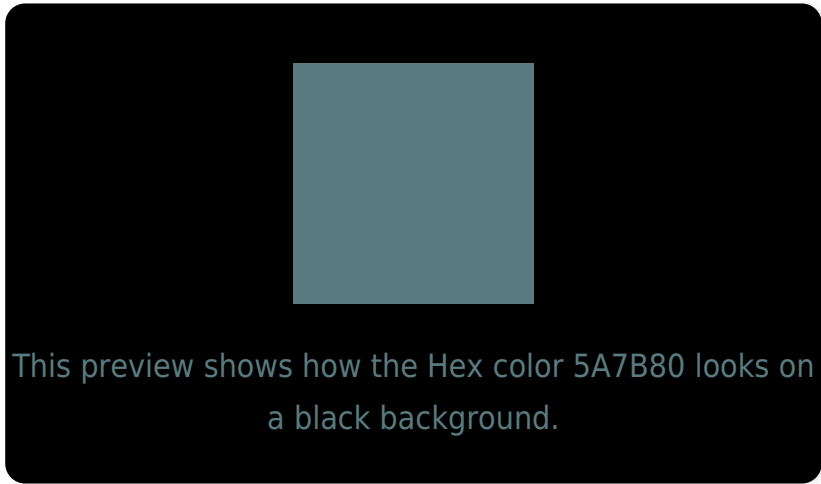
Large Text (above 18pt) WCAG AA ✓ Pass

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

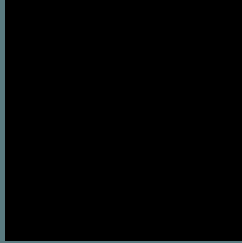
Any Text WCAG AA ✓ Pass

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 5A7B80 Background



This preview shows how black text looks on a background with the Hex color 5A7B80.

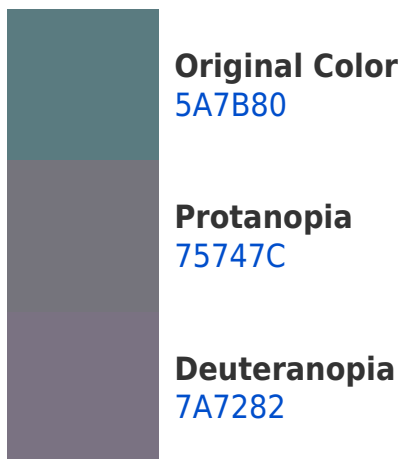



This preview shows how white text looks on a background with the Hex color 5A7B80.

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
5B7A84

Trichromacy



Original Color
5A7B80

Protanomaly
6B777D

Deuteranomaly
6E7581

Tritanomaly
5B7A83

Monochromacy



Original Color
5A7B80

Achromatopsia
727272

Achromatomaly
697577

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A7B80 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 #5A7B80 looks like.

```
.text, #text, p{  
    color:#5A7B80  
}
```

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 #5A7B80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A7B80
}
```

Border

The CSS property to change the border of an element to Hex 5A7B80 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
#5A7B80 }
```

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

```
.border{ border-color:#5A7B80 }
```

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

Here you see how a box with a 4 pixel #5A7B80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A7B80; -webkit-box-shadow:4px 4px  
4px 4px #5A7B80; box-shadow:4px 4px 4px  
4px #5A7B80 }
```

Background

The CSS property to change the background color of an element to Hex 5A7B80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A7B80 }
```

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

```
.background{ background-color:#5A7B80 }
```

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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