

Converting Colors

Hex(5B7E8D)

Have a look what the booklet for
Hex(5B7E8D) contains.

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Color

Hex(5B7E8D)

Conversions

Conversions Part 1

Format	Color
Hex	5B7E8D
RGB	91, 126, 141
RGB Percent	36%, 49%, 55%
CMY	0.6431, 0.5059, 0.4471
CMYK	0.35, 0.11, 0.00, 0.45
HSL	198°, 22%, 45%
HSV	198°, 35%, 55%
XYZ	16.5830, 19.0689, 28.0060
YIQ	117.2450, -25.6750, -2.7550

Conversions

Conversions Part 2

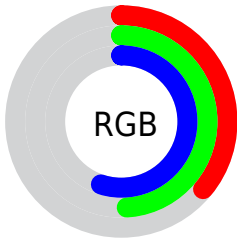
Format	Color
R_{YB}	91, 112, 141
Decimal	5996173
CIE _{Lab}	50.77, -8.40, -12.08
CIE _{LCh}	51, 14.711, 235.170
Yxy	19.0689, 0.2605, 0.2996
Android (android.graphics.Color)	4284186253 (0xFF5B7E8D)
YUV	117.2450, 11.7112, -23.0169
Hunter-Lab	43.6680, -8.6335, -7.4573

Details

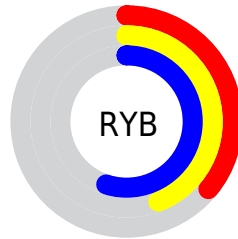
The Hex color **5B7E8D** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8D6A5B**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **8FB3C3**, and **2A4D5B** is the 20% darker color. If you saturate the color by 10%, you get **4D7A8D**, and if you desaturate by 10%, it is **69828D**.

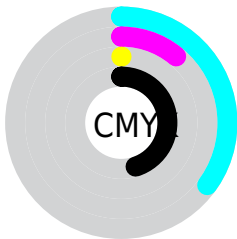
Distribution



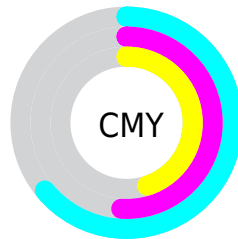
- Red (36%)
- Green (49%)
- Blue (55%)



- Red (36%)
- Yellow (44%)
- Blue (55%)



- Cyan (35%)
- Magenta (11%)
- Yellow (0%)
- Black (45%)



- Cyan (64%)
- Magenta (51%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B7E8D 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 5B7E8D by changing the saturation by 10% instead.

■ 5B7E8D

■ 5B7E8D

FFFFFF

■ 426573

■ 8FB3C3

■ 2A4D5B

■ AACEDF

■ 103643

■ C6EAFB

■ 00212D

■ E2FFFF

■ 000719

■ 000000

■ 5B7E8D

■ 5B7E8D

■ 4D7A8D

■ 69828D

■ 3F768D

■ 77868D

■ 31718D

■ 858B8D

■ 236D8D

■ 938F8D

■ 14698D

■ A2938D

■ 06658D

■ B0978D

■ 00638D

■ BE9C8D

■ CCA08D

■ DAA48D

Harmonies

Analogous

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



578083



5B7E8D



687B92

Triad

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



5B7E8D



91707B



777B62

Complementary

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



5B7E8D



8D6A5B

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.



857760



5B7E8D



93716F

Square

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



5B7E8D



877287



8F7365



697E6A

Rectangle

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



5B7E8D



737891



8F7365



7C7A61

Sweetspot

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



5B7E8D



A3B2B8



5B8D6A



50585C



DBDBDB



5C5C5C

Same Dimension

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



5B7E8D



69A0B8



5B658D



404547



005F87



000508

Inverse Universe

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



8D5B7E



B869A0



8D835B



474045



87005F



080005

Previews

White Background



This preview shows how the Hex color 5B7E8D looks on a white background.

Color Contrast Check

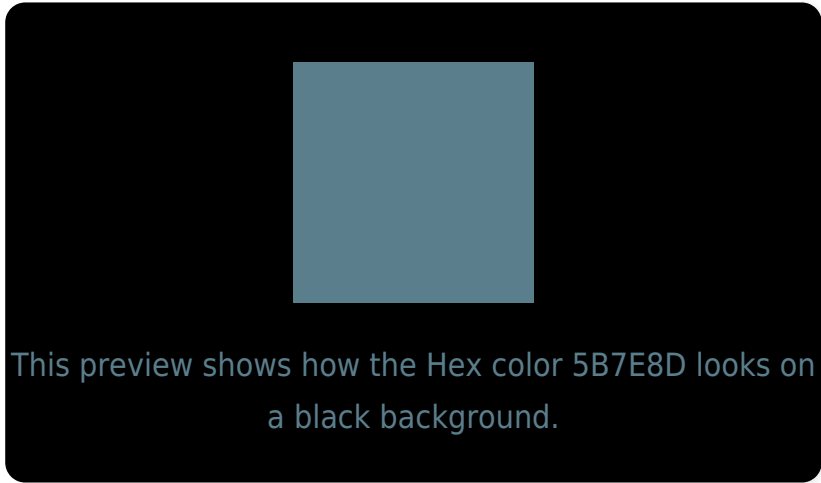
Large Text (above 18pt) WCAG AA ✓ Pass

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

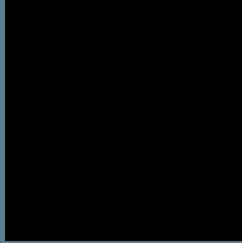
Any Text WCAG AA ✓ Pass

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 5B7E8D Background



This preview shows how black text looks on a background with the Hex color 5B7E8D.

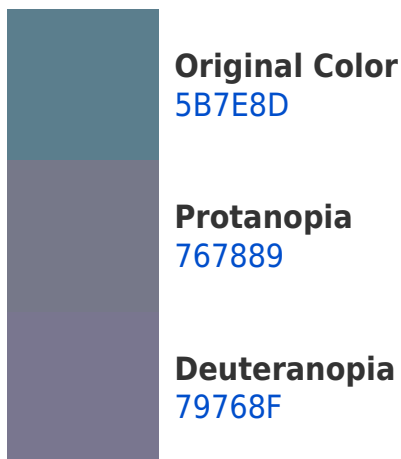


This preview shows how white text looks on a background with the Hex color 5B7E8D.

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
5A7F89

Trichromacy



Original Color
5B7E8D

Protanomaly
6C7A8A

Deuteranomaly
6E798E

Tritanomaly
5A7F8A

Monochromacy



Original Color
5B7E8D

Achromatopsia
757575

Achromatomaly
6C787E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B7E8D 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 #5B7E8D looks like.

```
.text, #text, p{  
    color:#5B7E8D  
}
```

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 #5B7E8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B7E8D
}
```

Border

The CSS property to change the border of an element to Hex 5B7E8D 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
#5B7E8D }
```

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

```
.border{ border-color:#5B7E8D }
```

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

Here you see how a box with a 4 pixel #5B7E8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B7E8D; -webkit-box-shadow:4px 4px  
4px 4px #5B7E8D; box-shadow:4px 4px 4px  
4px #5B7E8D }
```

Background

The CSS property to change the background color of an element to Hex 5B7E8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B7E8D }
```

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

```
.background{ background-color:#5B7E8D }
```

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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