

Converting Colors

Hex(5B7D98)

Have a look what the booklet for
Hex(5B7D98) contains.

Hex(5B7D98)	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(5B7D98)

Conversions

Conversions Part 1

Format	Color
Hex	5B7D98
RGB	91, 125, 152
RGB Percent	36%, 49%, 60%
CMY	0.6431, 0.5098, 0.4039
CMYK	0.40, 0.18, 0.00, 0.40
HSL	207°, 25%, 48%
HSV	207°, 40%, 60%
XYZ	17.3155, 19.1584, 32.4911
YIQ	117.9120, -28.9310, 1.1890

Conversions

Conversions Part 2

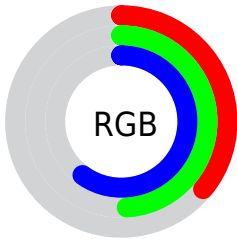
Format	Color
R_{YB}	91, 113, 152
Decimal	5995928
CIE _{Lab}	50.87, -4.80, -18.35
CIE _{LCh}	51, 18.969, 255.353
Yxy	19.1584, 0.2511, 0.2778
Android (android.graphics.Color)	4284186008 (0xFF5B7D98)
YUV	117.9120, 16.8054, -23.6018
Hunter-Lab	43.7703, -5.9835, -13.3723

Details

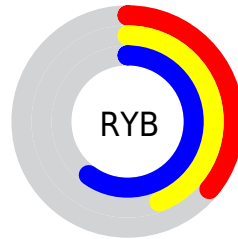
The Hex color **5B7D98** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **98765B**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **8FB2CE**, and **284C65** is the 20% darker color. If you saturate the color by 10%, you get **4C7698**, and if you desaturate by 10%, it is **6A8498**.

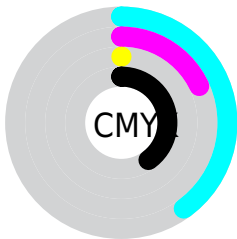
Distribution



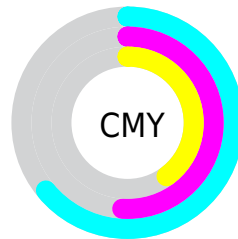
- Red (36%)
- Green (49%)
- Blue (60%)



- Red (36%)
- Yellow (44%)
- Blue (60%)



- Cyan (40%)
- Magenta (18%)
- Yellow (0%)
- Black (40%)



- Cyan (64%)
- Magenta (51%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B7D98 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 5B7D98 by changing the saturation by 10% instead.

■ 5B7D98

■ 5B7D98

FFFFFF

■ 42647E

■ 8FB2CE

■ 284C65

■ ABCDEB

■ 0C364D

■ C6E9FF

■ 002036

■ E3FFFF

■ 000821

■ 000006

■ 000000

■ 5B7D98

■ 5B7D98

■ 4C7698

■ 6A8498

■ 3D7098

■ 798A98

■ 2D6998

■ 899198

■ 1E6298

■ 989898

■ 0F5B98

■ A79F98

■ 005598

■ B6A598

■ C5AC98

■ D5B398

■ E4BA98

Harmonies

Analogous

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



4C8190



5B7D98



717898

Triad

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



5B7D98



9A6E71



6A7F62

Complementary

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



5B7D98



98765B

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.



7D7B5A



5B7D98



977063

Square

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



5B7D98



946E82



8C755A



588270

Rectangle

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



5B7D98



7F7494



8C755A



707E5E

Sweetspot

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



5B7D98



ADBAC4



5B9875



565D63



E3E3E3



636363

Same Dimension

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



5B7D98



669BC4



5B5F98



45494D



004E8C



00070D

Inverse Universe

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



985B7D



C4669B



98945B



4D4549



8C004E



0D0007

Previews

White Background



This preview shows how the Hex color 5B7D98 looks on a white background.

Color Contrast Check

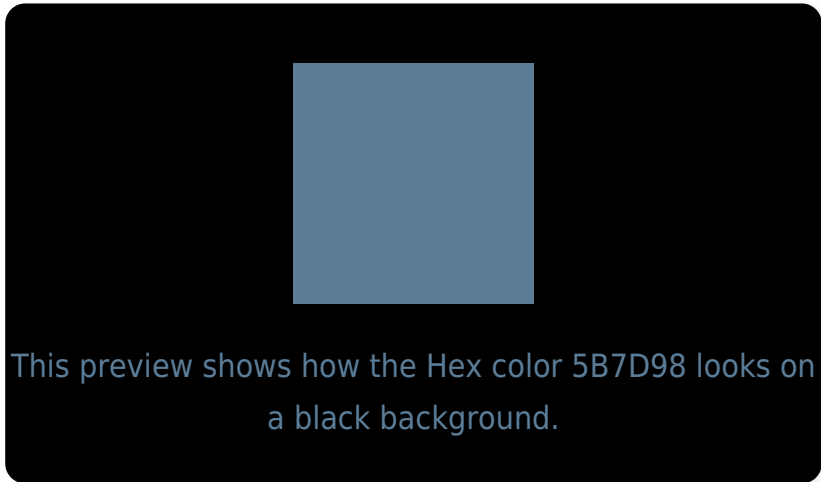
Large Text (above 18pt) WCAG AA ✓ Pass

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

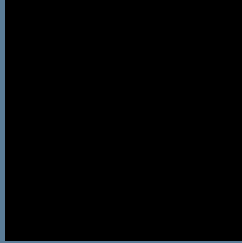
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

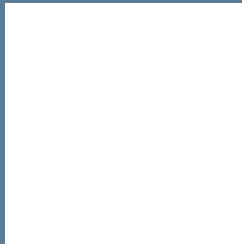
Any Text WCAG AAA × Fail

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

Hex 5B7D98 Background



This preview shows how black text looks on a background with the Hex color 5B7D98.

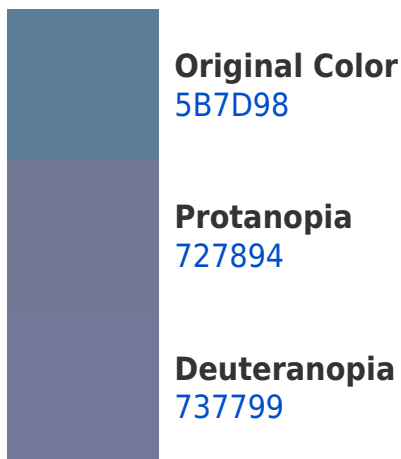


This preview shows how white text looks on a background with the Hex color 5B7D98.

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
577F8A

Trichromacy



Original Color
5B7D98

Protanomaly
6A7A95

Deuteranomaly
6A7999

Tritanomaly
587E8F

Monochromacy



Original Color
5B7D98

Achromatopsia
767676

Achromatomaly
6C7982

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B7D98 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 #5B7D98 looks like.

```
.text, #text, p{  
    color:#5B7D98  
}
```

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 #5B7D98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B7D98
}
```

Border

The CSS property to change the border of an element to Hex 5B7D98 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
#5B7D98 }
```

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

```
.border{ border-color:#5B7D98 }
```

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

Here you see how a box with a 4 pixel #5B7D98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B7D98; -webkit-box-shadow:4px 4px  
4px 4px #5B7D98; box-shadow:4px 4px 4px  
4px #5B7D98 }
```

Background

The CSS property to change the background color of an element to Hex 5B7D98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B7D98 }
```

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

```
.background{ background-color:#5B7D98 }
```

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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