

Converting Colors

Hex(5B7D85)

Have a look what the booklet for
Hex(5B7D85) contains.

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Color

Hex(5B7D85)

Conversions

Conversions Part 1

Format	Color
Hex	5B7D85
RGB	91, 125, 133
RGB Percent	36%, 49%, 52%
CMY	0.6431, 0.5098, 0.4784
CMYK	0.32, 0.06, 0.00, 0.48
HSL	191°, 19%, 44%
HSV	191°, 32%, 52%
XYZ	15.8816, 18.5848, 24.9405
YIQ	115.7460, -22.8320, -4.7200

Conversions

Conversions Part 2

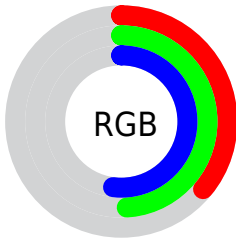
Format	Color
R_{YB}	91, 110, 133
Decimal	5995909
CIE _{Lab}	50.20, -9.94, -8.24
CIE _{LCh}	50, 12.910, 219.643
Yxy	18.5848, 0.2673, 0.3128
Android (android.graphics.Color)	4284185989 (0xFF5B7D85)
YUV	115.7460, 8.5062, -21.7022
Hunter-Lab	43.1101, -9.6839, -4.1239

Details

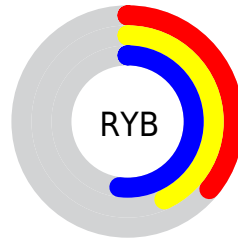
The Hex color **5B7D85** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **85635B**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **8EB2BA**, and **2B4C54** is the 20% darker color. If you saturate the color by 10%, you get **4E7A85**, and if you desaturate by 10%, it is **688085**.

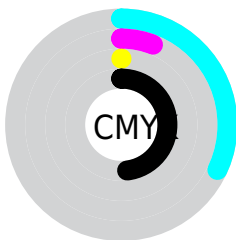
Distribution



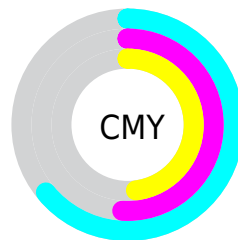
- Red (36%)
- Green (49%)
- Blue (52%)



- Red (36%)
- Yellow (43%)
- Blue (52%)



- Cyan (32%)
- Magenta (6%)
- Yellow (0%)
- Black (48%)



- Cyan (64%)
- Magenta (51%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B7D85 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 5B7D85 by changing the saturation by 10% instead.

■ 5B7D85

■ 5B7D85

FFFFFF

■ 42646C

■ 8EB2BA

■ 2B4C54

■ A9CDD6

■ 12353C

■ C5E9F2

■ 002027

■ E1FFFF

■ 000213

FEFFFF

■ 000000

■ 5B7D85

■ 5B7D85

■ 4E7A85

■ 688085

■ 407885

■ 768285

■ 337585

■ 838585

■ 267385

■ 908785

■ 197085

■ 9E8A85

■ 0B6E85

■ AB8C85

■ 006C85

■ B88F85

■ C59185

■ D39485

Harmonies

Analogous

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



5C7E7B



5B7D85



637B8C

Triad

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



5B7D85



89717F



7C7862

Complementary

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



5B7D85



85635B

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.



877463



5B7D85



8E7074

Square

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



5B7D85



7E7388



8D716A



707B66

Rectangle

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



5B7D85



6B788D



8D716A



807762

Sweetspot

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



5B7D85



9EAAAD



5B8563



4D5557



D6D6D6



575757

Same Dimension

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



5B7D85



6CA1AD



5B6885



3C4142



006982



000203

Inverse Universe

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



855B7D



AD6CA1



85785B



423C41



820069



030002

Previews

White Background



This preview shows how the Hex color 5B7D85 looks on a white background.

Color Contrast Check

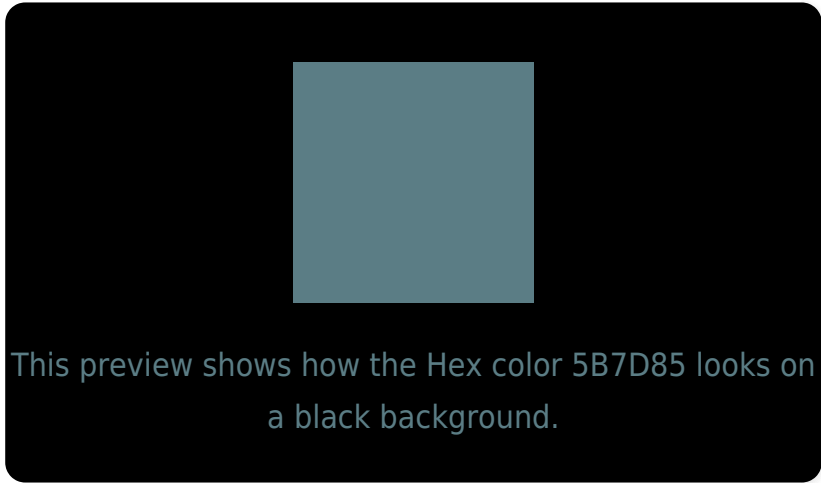
Large Text (above 18pt) WCAG AA ✓ Pass

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

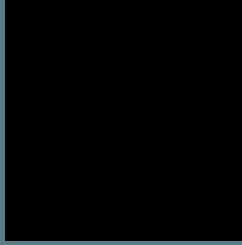
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

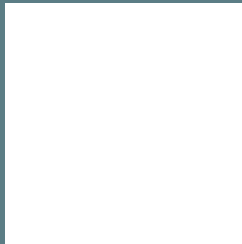
Any Text WCAG AAA × Fail

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

Hex 5B7D85 Background



This preview shows how black text looks on a background with the Hex color 5B7D85.

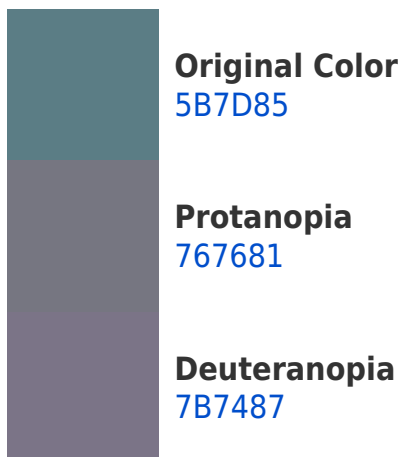



This preview shows how white text looks on a background with the Hex color 5B7D85.

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](#).

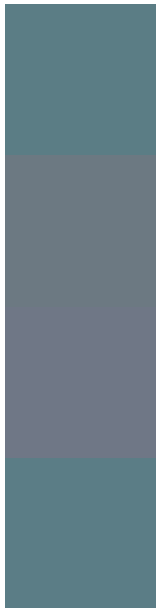
Dichromacy





Tritanopia
5B7D87

Trichromacy



Original Color
5B7D85

Protanomaly
6C7982

Deuteranomaly
6F7786

Tritanomaly
5B7D86

Monochromacy



Original Color
5B7D85

Achromatopsia
747474

Achromatomaly
6B777A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B7D85 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 #5B7D85 looks like.

```
.text, #text, p{  
    color:#5B7D85  
}
```

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 #5B7D85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B7D85
}
```

Border

The CSS property to change the border of an element to Hex 5B7D85 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".

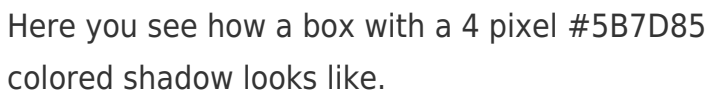
```
.border, #border, table{ border:4px solid
#5B7D85 }
```

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

```
.border{ border-color:#5B7D85 }
```

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

Here you see how a box with a 4 pixel #5B7D85 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B7D85; -webkit-box-shadow:4px 4px  
4px 4px #5B7D85; box-shadow:4px 4px 4px  
4px #5B7D85 }
```

Background

The CSS property to change the background color of an element to Hex 5B7D85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B7D85 }
```

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

```
.background{ background-color:#5B7D85 }
```

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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