

Converting Colors

Hex(5B7787)

Have a look what the booklet for
Hex(5B7787) contains.

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Color

Hex(5B7787)

Conversions

Conversions Part 1

Format	Color
Hex	5B7787
RGB	91, 119, 135
RGB Percent	36%, 47%, 53%
CMY	0.6431, 0.5333, 0.4706
CMYK	0.33, 0.12, 0.00, 0.47
HSL	202°, 19%, 44%
HSV	202°, 33%, 53%
XYZ	15.2844, 17.1671, 25.4297
YIQ	112.4520, -21.8240, -0.9600

Conversions

Conversions Part 2

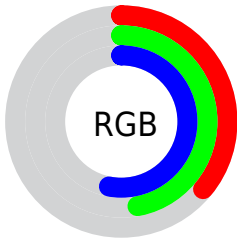
Format	Color
R_{YB}	91, 108, 135
Decimal	5994375
CIE _{Lab}	48.47, -5.99, -12.01
CIE _{LCh}	48, 13.421, 243.498
Yxy	17.1671, 0.2641, 0.2966
Android (android.graphics.Color)	4284184455 (0xFF5B7787)
YUV	112.4520, 11.1162, -18.8134
Hunter-Lab	41.4332, -6.6607, -7.3861

Details

The Hex color **5B7787** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **876B5B**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **8EABBC**, and **2B4755** is the 20% darker color. If you saturate the color by 10%, you get **4E7287**, and if you desaturate by 10%, it is **697C87**.

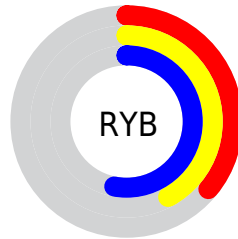
Distribution



Red (36%)

Green (47%)

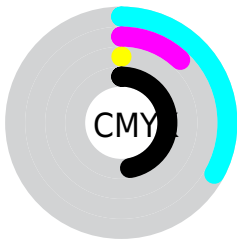
Blue (53%)



Red (36%)

Yellow (42%)

Blue (53%)

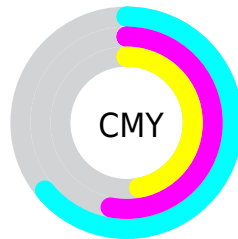


Cyan (33%)

Magenta (12%)

Yellow (0%)

Black (47%)



Cyan (64%)

Magenta (53%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B7787 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 5B7787 by changing the saturation by 10% instead.

■ 5B7787

■ 5B7787

FFFFFF

■ 435E6E

■ 8EABBC

■ 2B4755

■ A9C6D8

■ 13303E

■ C5E2F4

■ 001C28

■ E1FFFF

■ 000114

FEFFFF

■ 000000

■ 5B7787

■ 5B7787

■ 4E7287

■ 697C87

■ 406D87

■ 768187

■ 336887

■ 848687

■ 256387

■ 918B87

■ 185E87

■ 9F9087

■ 0A5A87

■ AC9487

■ 005687

■ BA9987

■ C79E87

■ D4A387

Harmonies

Analogous

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



55797F



5B7787



687489

Triad

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



5B7787



8A6B72



6E7660

Complementary

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



5B7787



876B5B

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.



7B735D



5B7787



8A6C67

Square

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



5B7787



836D7D



856F5F



617969

Rectangle

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



5B7787



727188



856F5F



72755E

Sweetspot

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



5B7787



9EAAB0



5B876A



4F5559



D9D9D9



595959

Same Dimension

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



5B7787



6B97B0



5B6287



3C4042



005382



000203

Inverse Universe

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



875B77



B06B97



87805B



423C40



820053



030002

Previews

White Background



This preview shows how the Hex color 5B7787 looks on a white background.

Color Contrast Check

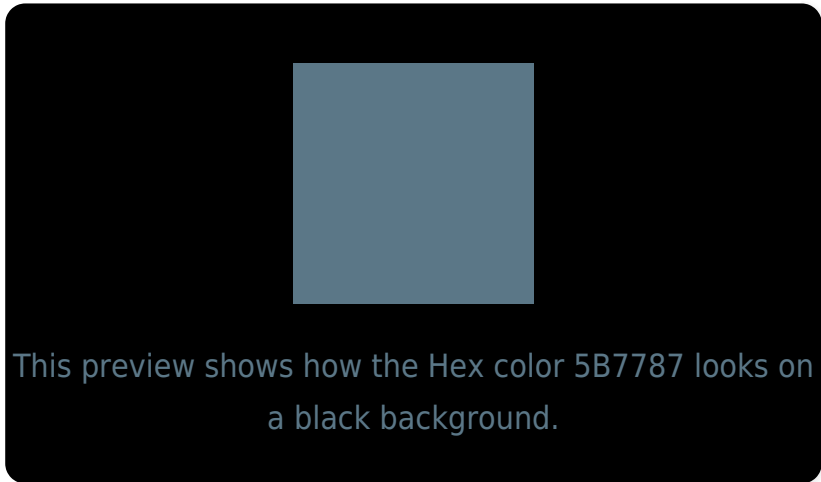
Large Text (above 18pt) WCAG AA ✓ Pass

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

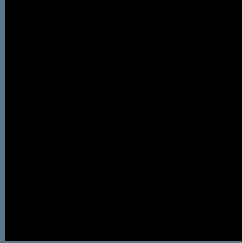
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

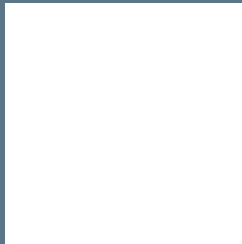
Any Text WCAG AAA × Fail

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

Hex 5B7787 Background



This preview shows how black text looks on a background with the Hex color 5B7787.

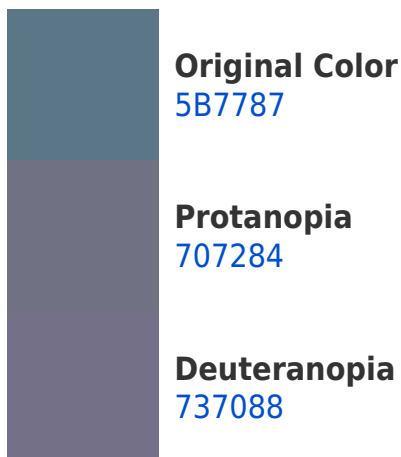


This preview shows how white text looks on a background with the Hex color 5B7787.

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](#).

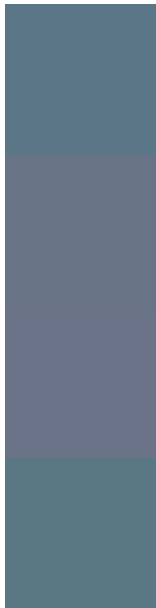
Dichromacy





Tritanopia
5A7882

Trichromacy



Original Color
5B7787

Protanomaly
687485

Deuteranomaly
6A7388

Tritanomaly
5A7884

Monochromacy



Original Color
5B7787

Achromatopsia
707070

Achromatomaly
687378

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B7787 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 #5B7787 looks like.

```
.text, #text, p{  
    color:#5B7787  
}
```

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 #5B7787 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B7787
}
```

Border

The CSS property to change the border of an element to Hex 5B7787 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
#5B7787 }
```

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

```
.border{ border-color:#5B7787 }
```

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

Here you see how a box with a 4 pixel #5B7787 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B7787; -webkit-box-shadow:4px 4px  
4px 4px #5B7787; box-shadow:4px 4px 4px  
4px #5B7787 }
```

Background

The CSS property to change the background color of an element to Hex 5B7787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B7787 }
```

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

```
.background{ background-color:#5B7787 }
```

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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