

# Converting Colors

Hex(5B807B)

Have a look what the booklet for  
Hex(5B807B) contains.

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# Color

**Hex(5B807B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5B807B
RGB	91, 128, 123
RGB Percent	36%, 50%, 48%
CMY	0.6431, 0.4980, 0.5176
CMYK	0.29, 0.00, 0.04, 0.50
HSL	172°, 17%, 43%
HSV	172°, 29%, 50%
XYZ	15.6087, 19.0925, 21.6015
YIQ	116.3670, -20.4470, -9.3990

# Conversions

## Conversions Part 2

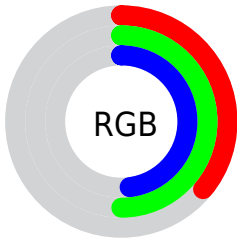
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 111, 128
Decimal	5996667
CIE <sub>Lab</sub>	50.80, -14.10, -1.48
CIE <sub>LCh</sub>	51, 14.180, 185.999
Yxy	19.0925, 0.2772, 0.3391
Android (android.graphics.Color)	4284186747 (0xFF5B807B)
YUV	116.3670, 3.2701, -22.2469
Hunter-Lab	43.6950, -12.7026, 1.2754

# Details

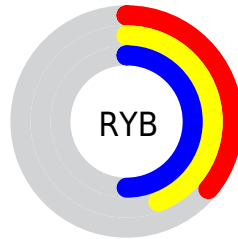
The Hex color **5B807B** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **805B60**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **8EB5AF**, and **2B4F4A** is the 20% darker color. If you saturate the color by 10%, you get **4E8079**, and if you desaturate by 10%, it is **68807D**.

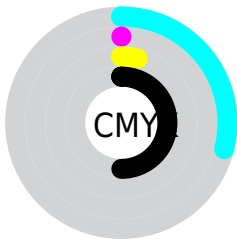
# Distribution



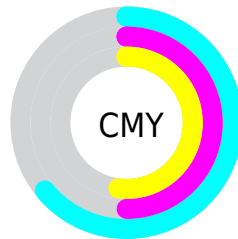
- Red (36%)
- Green (50%)
- Blue (48%)



- Red (36%)
- Yellow (44%)
- Blue (50%)



- Cyan (29%)
- Magenta (0%)
- Yellow (4%)
- Black (50%)



- Cyan (64%)
- Magenta (50%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B807B 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 5B807B by changing the saturation by 10% instead.





5B807B



5B807B

FFFFFF



436762



8EB5AF



2B4F4A



A9D1CB



133834



C5EDE7



00221F



E1FFFF



000606

FEFFFF



000000



5B807B



5B807B



4E8079



68807D



418078



75807E

■ 358076

■ 818080

■ 288074

■ 8E8082

■ 1B8072

■ 9B8084

■ 0E8071

■ A88085

■ 01806F

■ B58087

■ 00806F

■ C18089

■ CE808B

# Harmonies

## Analogous

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



657F6F



5B807B



597F87

# Triad

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



5B807B



7E758C



8B7563

# Complementary

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



5B807B



805B60

# 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.



91726B



5B807B



8B7283

# Square

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



5B807B



6E7991



927077



807961

# Rectangle

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



5B807B



5D7E8D



927077



8E7465



# Sweetspot

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



5B807B



97A6A4



61805B



4B5453



D4D4D4



545454



# Same Dimension

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



5B807B



6CA69E



5B7380



39403F



00806E



000000



# Inverse Universe

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



805B60



A66C74



80685B



40393A



800011



000000



# Previews

## White Background



This preview shows how the Hex color 5B807B looks on a white background.

## Color Contrast Check

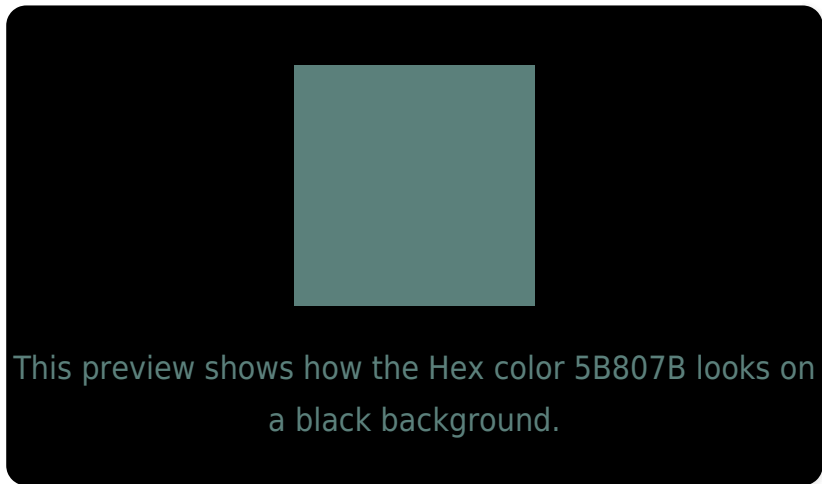
Large Text (above 18pt) WCAG AA ✓ Pass

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

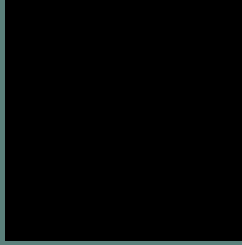
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5B807B Background



This preview shows how black text looks on a background with the Hex color 5B807B.

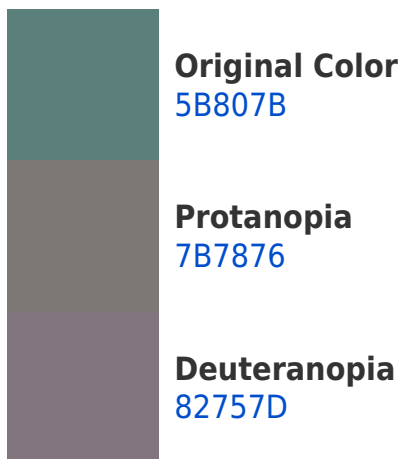


This preview shows how white text looks on a background with the Hex color 5B807B.

# 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**  
5E7E88

# Trichromacy



**Original Color**  
5B807B

**Protanomaly**  
6F7B78

**Deuteranomaly**  
74797C

**Tritanomaly**  
5D7F83

# Monochromacy



**Original Color**  
5B807B

**Achromatopsia**  
747474

**Achromatomaly**  
6B7877

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B807B 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 #5B807B looks like.

```
.text, #text, p{  
    color:#5B807B  
}
```

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 #5B807B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B807B
}
```

## Border

The CSS property to change the border of an element to Hex 5B807B 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
#5B807B }
```

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

```
.border{ border-color:#5B807B }
```

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

Here you see how a box with a 4 pixel #5B807B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B807B; -webkit-box-shadow:4px 4px  
4px 4px #5B807B; box-shadow:4px 4px 4px  
4px #5B807B }
```

# Background

The CSS property to change the background color of an element to Hex 5B807B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B807B }
```

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

```
.background{ background-color:#5B807B }
```

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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