

Converting Colors

Hex(5B747D)

Have a look what the booklet for
Hex(5B747D) contains.

Hex(5B747D)	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(5B747D)

Conversions

Conversions Part 1

Format	Color
Hex	5B747D
RGB	91, 116, 125
RGB Percent	36%, 45%, 49%
CMY	0.6431, 0.5451, 0.5098
CMYK	0.27, 0.07, 0.00, 0.51
HSL	196°, 16%, 42%
HSV	196°, 27%, 49%
XYZ	14.2614, 16.1956, 21.7764
YIQ	109.5510, -17.7890, -2.5010

Conversions

Conversions Part 2

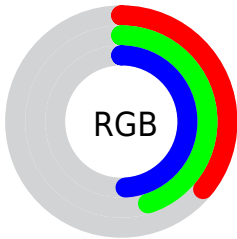
Format	Color
R_{YB}	91, 105, 125
Decimal	5993597
CIE _{Lab}	47.23, -6.85, -7.94
CIE _{LCh}	47, 10.490, 229.220
Yxy	16.1956, 0.2730, 0.3101
Android (android.graphics.Color)	4284183677 (0xFF5B747D)
YUV	109.5510, 7.6164, -16.2692
Hunter-Lab	40.2438, -7.1703, -3.9120

Details

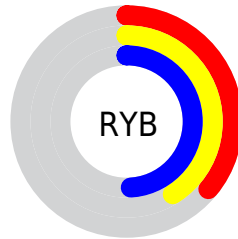
The Hex color **5B747D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7D645B**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **8EA8B2**, and **2C444C** is the 20% darker color. If you saturate the color by 10%, you get **4F717D**, and if you desaturate by 10%, it is **68777D**.

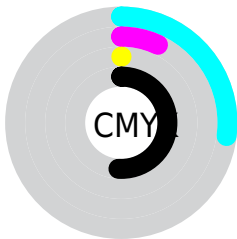
Distribution



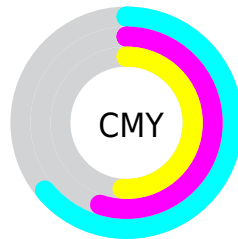
- Red (36%)
- Green (45%)
- Blue (49%)



- Red (36%)
- Yellow (41%)
- Blue (49%)



- Cyan (27%)
- Magenta (7%)
- Yellow (0%)
- Black (51%)



- Cyan (64%)
- Magenta (55%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B747D 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 5B747D by changing the saturation by 10% instead.

■ 5B747D

■ 5B747D

FFFFFF

■ 435B64

■ 8EA8B2

■ 2C444C

■ A9C3CD

■ 152E35

■ C4DFE9

■ 001920

■ E0FCFF

■ 000008

■ F0FFFF

■ 000000

■ 5B747D

■ 5B747D

■ 4F717D

■ 68777D

■ 426D7D

■ 747B7D

■ 366A7D

■ 817E7D

■ 29677D

■ 8D817D

■ 1D637D

■ 9A857D

■ 10607D

■ A6887D

■ 045D7D

■ B38B7D

■ 005C7D

■ BF8E7D

■ CC927D

Harmonies

Analogous

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



597575



5B747D



637281

Triad

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



5B747D



806A74



71715F

Complementary

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



5B747D



7D645B

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.



7A6E5F



5B747D



836A6B

Square

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



5B747D



786C7C



816C63



677464

Rectangle

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



5B747D



6A7081



816C63



74705F

Sweetspot

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



5B747D



96A0A3



5B7D64



494F52



D1D1D1



525252

Same Dimension

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



5B747D



6D95A3



5B647D



393E40



005E80



000000

Inverse Universe

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



7D5B74



A36D95



7D755B



40393E



80005E



000000

Previews

White Background



This preview shows how the Hex color 5B747D looks on a white background.

Color Contrast Check

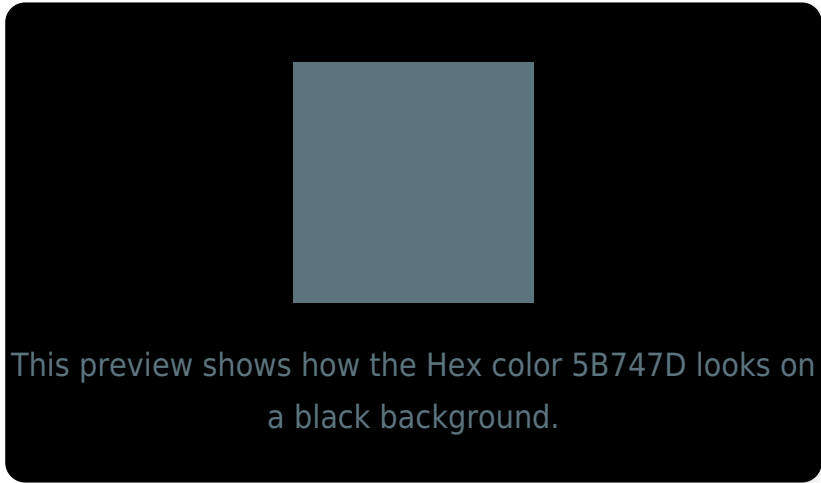
Large Text (above 18pt) WCAG AA ✓ Pass

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

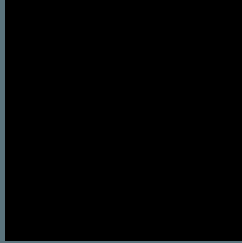
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

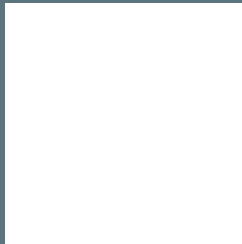
Any Text WCAG AAA × Fail

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

Hex 5B747D Background



This preview shows how black text looks on a background with the Hex color 5B747D.

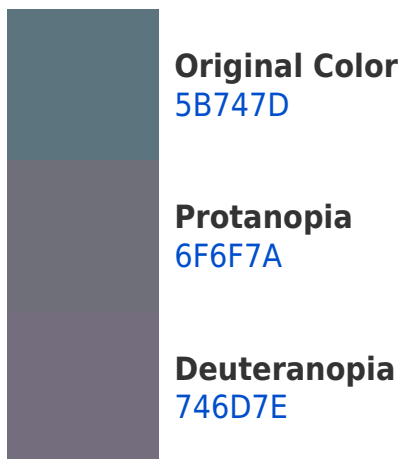


This preview shows how white text looks on a background with the Hex color 5B747D.

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](#).

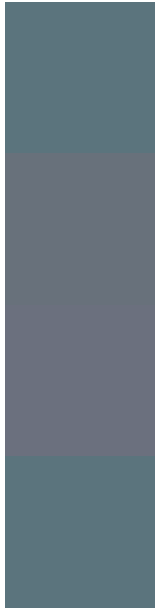
Dichromacy





Tritanopia
5B747D

Trichromacy



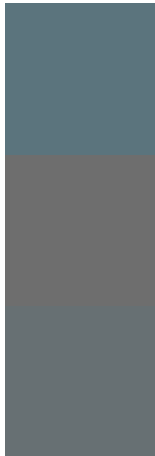
Original Color
5B747D

Protanomaly
68717B

Deuteranomaly
6B707E

Tritanomaly
5B747D

Monochromacy



Original Color
5B747D

Achromatopsia
6E6E6E

Achromatomaly
677073

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B747D 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 #5B747D looks like.

```
.text, #text, p{  
    color:#5B747D  
}
```

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 #5B747D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B747D
}
```

Border

The CSS property to change the border of an element to Hex 5B747D 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
#5B747D }
```

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

```
.border{ border-color:#5B747D }
```

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

Here you see how a box with a 4 pixel #5B747D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B747D; -webkit-box-shadow:4px 4px  
4px 4px #5B747D; box-shadow:4px 4px 4px  
4px #5B747D }
```

Background

The CSS property to change the background color of an element to Hex 5B747D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B747D }
```

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

```
.background{ background-color:#5B747D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor