

Converting Colors

Hex(5B667E)

Have a look what the booklet for
Hex(5B667E) contains.

Hex(5B667E)	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(5B667E)

Conversions

Conversions Part 1

Format	Color
Hex	5B667E
RGB	91, 102, 126
RGB Percent	36%, 40%, 49%
CMY	0.6431, 0.6000, 0.5059
CMYK	0.28, 0.19, 0.00, 0.51
HSL	221°, 16%, 43%
HSV	221°, 28%, 49%
XYZ	12.8317, 13.2332, 21.6166
YIQ	101.4470, -14.2600, 5.1320

Conversions

Conversions Part 2

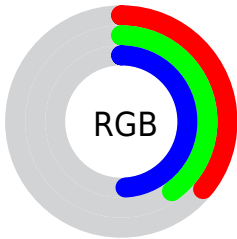
Format	Color
R_{YB}	91, 99, 126
Decimal	5990014
CIE _{Lab}	43.11, 1.70, -14.76
CIE _{LCh}	43, 14.853, 276.583
Yxy	13.2332, 0.2691, 0.2775
Android (android.graphics.Color)	4284180094 (0xFF5B667E)
YUV	101.4470, 12.1046, -9.1620
Hunter-Lab	36.3775, -0.6974, -9.7676

Details

The Hex color **5B667E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7E735B**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **8E99B3**, and **2C374D** is the 20% darker color. If you saturate the color by 10%, you get **4E5D7E**, and if you desaturate by 10%, it is **686F7E**.

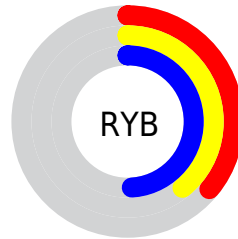
Distribution



Red (36%)

Green (40%)

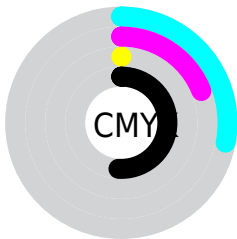
Blue (49%)



Red (36%)

Yellow (39%)

Blue (49%)

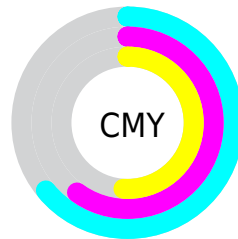


Cyan (28%)

Magenta (19%)

Yellow (0%)

Black (51%)



Cyan (64%)

Magenta (60%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B667E 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 5B667E by changing the saturation by 10% instead.

■ 5B667E

■ 5B667E

FFFFFF

■ 434E65

■ 8E99B3

■ 2C374D

■ A8B4CE

■ 162236

■ C4CFEA

■ 000B21

■ E0EBFF

■ 000007

FDFFFF

■ 000000

■ 5B667E

■ 5B667E

■ 4E5D7E

■ 686F7E

■ 42557E

■ 74777E

■ 354C7E

■ 81807E

■ 29437E

■ 8D897E

■ 1C3B7E

■ 9A917E

■ 0F327E

■ A79A7E

■ 032A7E

■ B3A27E

■ 00287E

■ C0AB7E

■ CCB47E

Harmonies

Analogous

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



4C6A7C



5B667E



6B627A

Triad

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



5B667E



7E5E58



516C5C

Complementary

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



5B667E



7E735B

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.



5F6A52



5B667E



786250

Square

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



5B667E



7F5D63



6C664D



466D68

Rectangle

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



5B667E



745F74



6C664D



556B58

Sweetspot

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



5B667E



969AA3



5B7E73



494C52



D1D1D1



525252

Same Dimension

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



5B667E



6D7EA3



615B7E



393B40



002880



000000

Inverse Universe

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



7E5B66



A36D7E



787E5B



40393B



800028



000000

Previews

White Background



This preview shows how the Hex color 5B667E looks on a white background.

Color Contrast Check

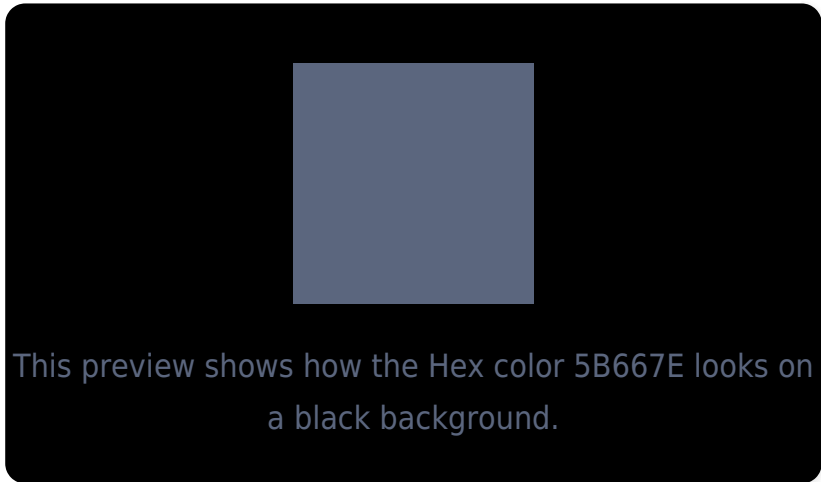
Large Text (above 18pt) WCAG AA ✓ Pass

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

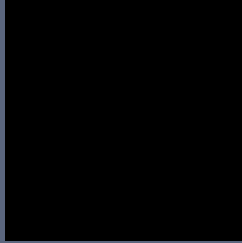
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

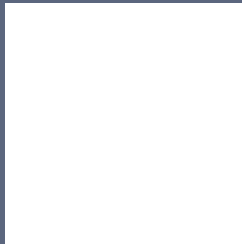
Any Text WCAG AAA × Fail

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

Hex 5B667E Background



This preview shows how black text looks on a background with the Hex color 5B667E.

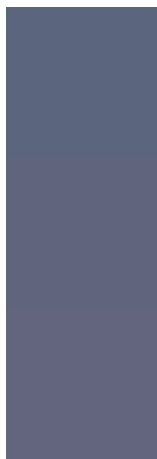


This preview shows how white text looks on a background with the Hex color 5B667E.

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



Original Color

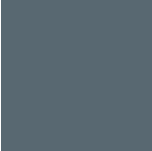
5B667E

Protanopia

60657D

Deuteranopia

63647E



Tritanopia
586871

Trichromacy



Original Color
5B667E

Protanomaly
5E657D

Deuteranomaly
60657E

Tritanomaly
596776

Monochromacy



Original Color
5B667E

Achromatopsia
656565

Achromatomaly
61656E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B667E 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 #5B667E looks like.

```
.text, #text, p{  
    color:#5B667E  
}
```

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 #5B667E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B667E
}
```

Border

The CSS property to change the border of an element to Hex 5B667E is called "border". The border property can be set on classes, ids or directly on the HTML element.

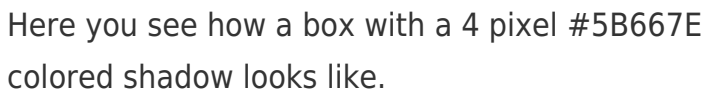
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B667E }
```

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

```
.border{ border-color:#5B667E }
```

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



Here you see how a box with a 4 pixel #5B667E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B667E; -webkit-box-shadow:4px 4px  
4px 4px #5B667E; box-shadow:4px 4px 4px  
4px #5B667E }
```

Background

The CSS property to change the background color of an element to Hex 5B667E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B667E }
```

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

```
.background{ background-color:#5B667E }
```

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