

Converting Colors

Hex(5B939B)

Have a look what the booklet for
Hex(5B939B) contains.

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Color

Hex(5B939B)

Conversions

Conversions Part 1

Format	Color
Hex	5B939B
RGB	91, 147, 155
RGB Percent	36%, 58%, 61%
CMY	0.6431, 0.4235, 0.3922
CMYK	0.41, 0.05, 0.00, 0.39
HSL	188°, 26%, 48%
HSV	188°, 41%, 61%
XYZ	20.6645, 25.4581, 34.8351
YIQ	131.1680, -35.9440, -9.3840

Conversions

Conversions Part 2

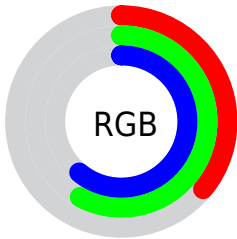
Format	Color
R_{YB}	91, 121, 155
Decimal	6001563
CIE _{Lab}	57.52, -16.24, -10.03
CIE _{LCh}	58, 19.088, 211.704
Yxy	25.4581, 0.2553, 0.3145
Android (android.graphics.Color)	4284191643 (0xFF5B939B)
YUV	131.1680, 11.7492, -35.2273
Hunter-Lab	50.4561, -15.1927, -5.6149

Details

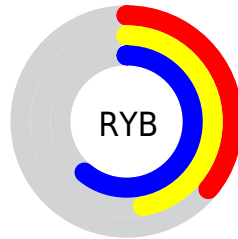
The Hex color **5B939B** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9B635B**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **90C9D1**, and **266068** is the 20% darker color. If you saturate the color by 10%, you get **4C919B**, and if you desaturate by 10%, it is **6B959B**.

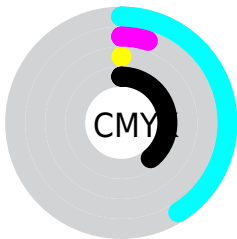
Distribution



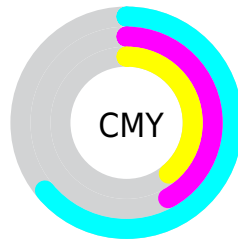
- Red (36%)
- Green (58%)
- Blue (61%)



- Red (36%)
- Yellow (47%)
- Blue (61%)



- Cyan (41%)
- Magenta (5%)
- Yellow (0%)
- Black (39%)



- Cyan (64%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B939B 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 5B939B by changing the saturation by 10% instead.

 5B939B

 5B939B

FFFFFF

 417981

 90C9D1

 266068

 ACE5EE

 034850

 C8FFFF

 003239

 E5FFFF

 001D23

 00010E

 000000

 5B939B

 5B939B

 4C919B

 6B959B

3C8F9B

7A979B

2D8D9B

8A999B

1D8B9B

999B9B

0E899B

A99D9B

00889B

B89F9B

C8A19B

D7A39B

E7A49B

Harmonies

Analogous

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



61948B



5B939B



6490A7

Triad

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



5B939B



A1819A



968969

Complementary

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



5B939B



9B635B

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.



A4846D



5B939B



AB7E8A

Square

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



5B939B



8E86A6



AC8079



848E6E

Rectangle

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



5B939B



708DAB



AC8079



9B8769

Sweetspot

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



5B939B



B1C6C9



5B9B62



586466



E6E6E6



666666

Same Dimension

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



5B939B



65BDC9



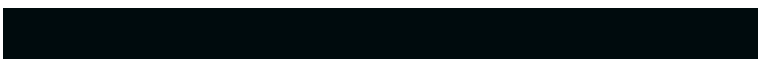
5B749B



454C4D



007B8C



000B0D

Inverse Universe

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



9B5B93



C965BD



9B825B



4D454C



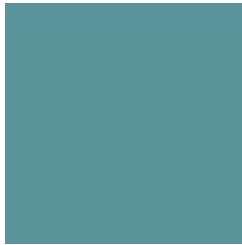
8C007B



0D000B

Previews

White Background



This preview shows how the Hex color 5B939B looks on a white background.

Color Contrast Check

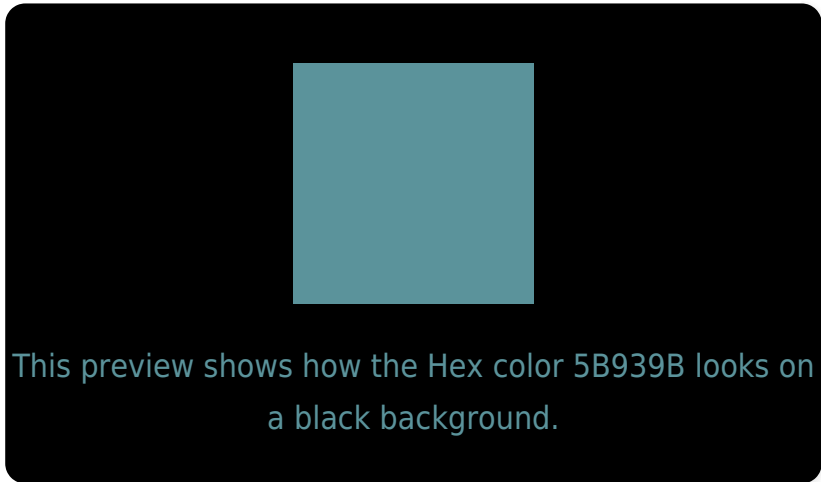
Large Text (above 18pt) WCAG AA ✓ Pass

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

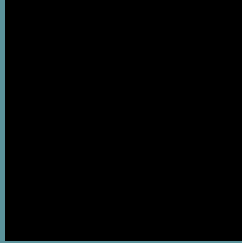
Any Text WCAG AA ✓ Pass

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 5B939B Background



This preview shows how black text looks on a background with the Hex color 5B939B.

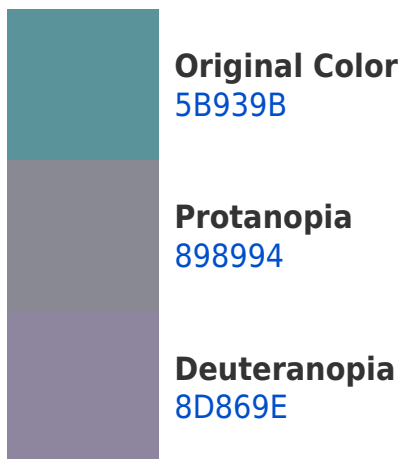


This preview shows how white text looks on a background with the Hex color 5B939B.

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
5C929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5B939B 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 #5B939B looks like.

```
.text, #text, p{  
    color:#5B939B  
}
```

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 #5B939B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B939B
}
```

Border

The CSS property to change the border of an element to Hex 5B939B 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
#5B939B }
```

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

```
.border{ border-color:#5B939B }
```

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

Here you see how a box with a 4 pixel #5B939B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B939B; -webkit-box-shadow:4px 4px  
4px 4px #5B939B; box-shadow:4px 4px 4px  
4px #5B939B }
```

Background

The CSS property to change the background color of an element to Hex 5B939B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B939B }
```

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

```
.background{ background-color:#5B939B }
```

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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