

Converting Colors

Hex(5B869E)

Have a look what the booklet for
Hex(5B869E) contains.

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Color

Hex(5B869E)

Conversions

Conversions Part 1

Format	Color
Hex	5B869E
RGB	91, 134, 158
RGB Percent	36%, 53%, 62%
CMY	0.6431, 0.4745, 0.3804
CMYK	0.42, 0.15, 0.00, 0.38
HSL	201°, 27%, 49%
HSV	201°, 42%, 62%
XYZ	19.0110, 21.7430, 35.5426
YIQ	123.8790, -33.3320, -1.6520

Conversions

Conversions Part 2

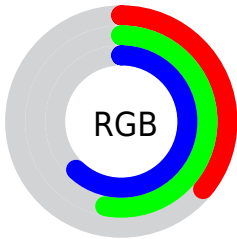
Format	Color
R_{YB}	91, 117, 158
Decimal	5998238
CIE _{Lab}	53.75, -8.25, -17.44
CIE _{LCh}	54, 19.297, 244.688
Yxy	21.7430, 0.2492, 0.2850
Android (android.graphics.Color)	4284188318 (0xFF5B869E)
YUV	123.8790, 16.8217, -28.8349
Hunter-Lab	46.6294, -8.8260, -12.5524

Details

The Hex color **5B869E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9E735B**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **90BBD5**, and **27546B** is the 20% darker color. If you saturate the color by 10%, you get **4B809E**, and if you desaturate by 10%, it is **6B8C9E**.

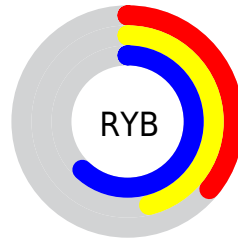
Distribution



Red (36%)

Green (53%)

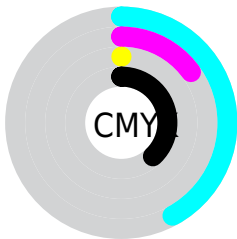
Blue (62%)



Red (36%)

Yellow (46%)

Blue (62%)

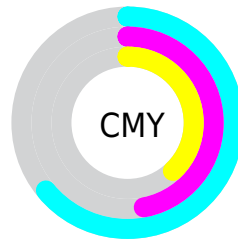


Cyan (42%)

Magenta (15%)

Yellow (0%)

Black (38%)



Cyan (64%)

Magenta (47%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B869E 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 5B869E by changing the saturation by 10% instead.

■ 5B869E

■ 5B869E

FFFFFF

■ 416D84

■ 90BBD5

■ 27546B

■ ABD7F1

■ 063D52

■ C7F3FF

■ 00283B

■ E4FFFF

■ 001325

■ 00010F

■ 000000

■ 5B869E

■ 5B869E

■ 4B809E

■ 6B8C9E

■ 3B7B9E

■ 7B919E

■ 2C759E

■ 8A979E

■ 1C6F9E

■ 9A9D9E

■ 0C6A9E

■ AAA29E

■ 00659E

■ BAA89E

■ CAAE9E

■ D9B39E

■ E9B99E

Harmonies

Analogous

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



518993



5B869E



7081A1

Triad

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



5B869E



A2747E



788565

Complementary

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



5B869E



9E735B

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.



8A805F



5B869E



A1766E

Square

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



5B869E



98768F



997B63



658972

Rectangle

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



5B869E



7F7D9F



997B63



7E8462

Sweetspot

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



5B869E



B4C5CF



5B9E72



586369



E8E8E8



696969

Same Dimension

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



5B869E



65A9CF



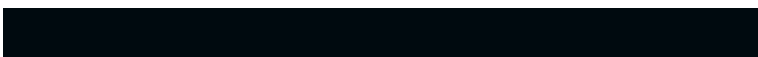
5B659E



474C4F



005C8F



000A0F

Inverse Universe

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



9E5B86



CF65A9



9E945B



4F474C



8F005C



0F000A

Previews

White Background



This preview shows how the Hex color 5B869E looks on a white background.

Color Contrast Check

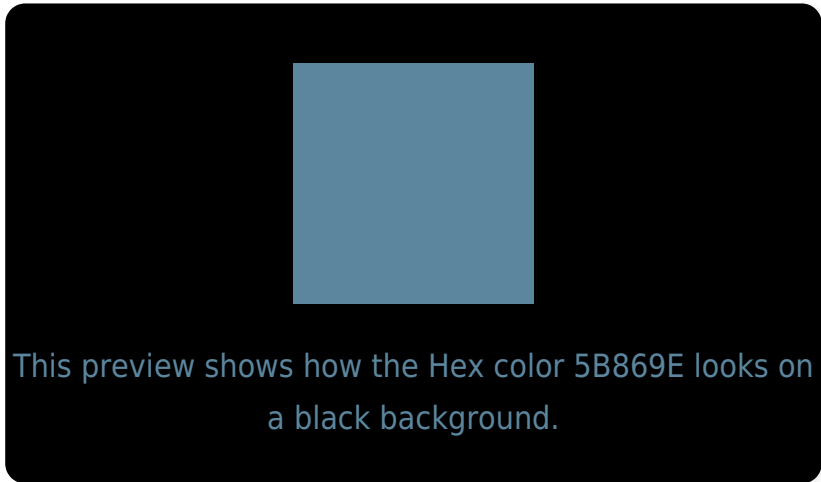
Large Text (above 18pt) WCAG AA ✓ Pass

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

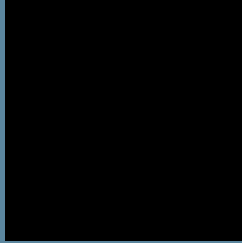
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

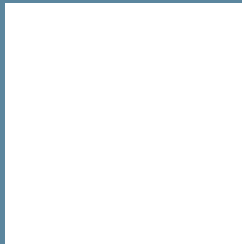
Any Text WCAG AAA × Fail

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

Hex 5B869E Background



This preview shows how black text looks on a background with the Hex color 5B869E.

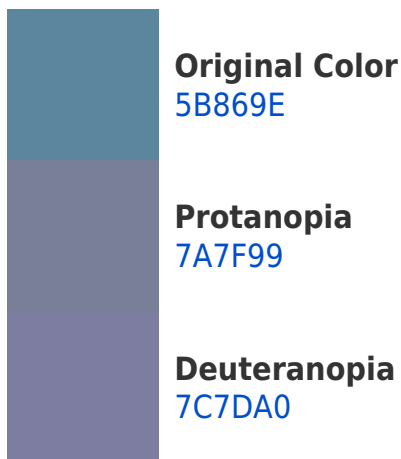


This preview shows how white text looks on a background with the Hex color 5B869E.

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](#).

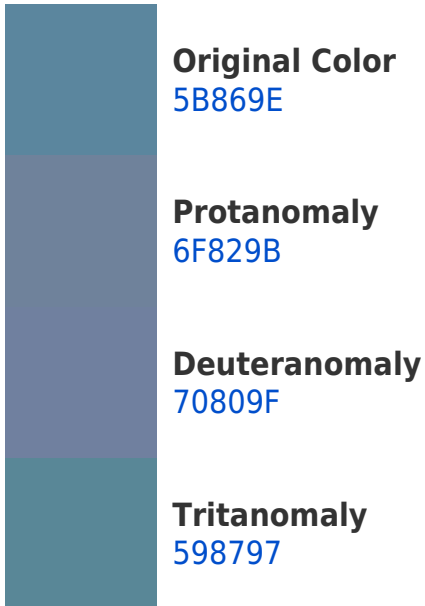
Dichromacy





Tritanopia
588893

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5B869E 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 #5B869E looks like.

```
.text, #text, p{  
    color:#5B869E  
}
```

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 #5B869E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B869E
}
```

Border

The CSS property to change the border of an element to Hex 5B869E is called "border". The border property can be set on classes, ids or directly on the HTML element.

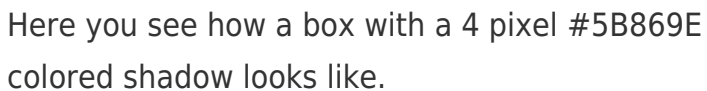
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B869E }
```

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

```
.border{ border-color:#5B869E }
```

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



Here you see how a box with a 4 pixel #5B869E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B869E; -webkit-box-shadow:4px 4px  
4px 4px #5B869E; box-shadow:4px 4px 4px  
4px #5B869E }
```

Background

The CSS property to change the background color of an element to Hex 5B869E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B869E }
```

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

```
.background{ background-color:#5B869E }
```

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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