

# Converting Colors

Hex(6C839B)

Have a look what the booklet for  
Hex(6C839B) contains.

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# Color

**Hex(6C839B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C839B
RGB	108, 131, 155
RGB Percent	42%, 51%, 61%
CMY	0.5765, 0.4863, 0.3922
CMYK	0.30, 0.15, 0.00, 0.39
HSL	211°, 19%, 52%
HSV	211°, 30%, 61%
XYZ	20.2170, 21.7873, 34.1502
YIQ	126.8590, -21.4120, 2.5880

# Conversions

## Conversions Part 2

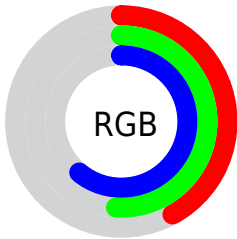
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 123, 155
Decimal	7111579
CIE <sub>Lab</sub>	53.80, -2.40, -15.54
CIE <sub>LCh</sub>	54, 15.724, 261.229
Yxy	21.7873, 0.2655, 0.2861
Android (android.graphics.Color)	4285301659 (0xFF6C839B)
YUV	126.8590, 13.8735, -16.5393
Hunter-Lab	46.6769, -4.3713, -10.7045

# Details

The Hex color **6C839B** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **9B846C**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **A0B8D1**, and **3B5268** is the 20% darker color. If you saturate the color by 10%, you get **5D7B9B**, and if you desaturate by 10%, it is **7C8B9B**.

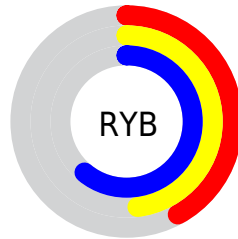
# Distribution



Red (42%)

Green (51%)

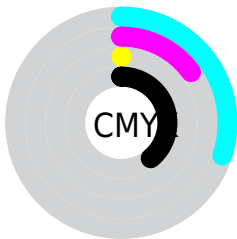
Blue (61%)



Red (42%)

Yellow (48%)

Blue (61%)

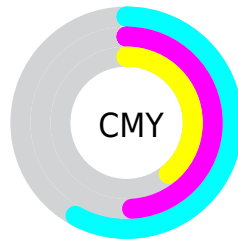


Cyan (30%)

Magenta (15%)

Yellow (0%)

Black (39%)



Cyan (58%)

Magenta (49%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C839B 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 6C839B by changing the saturation by 10% instead.



 6C839B

 6C839B

FFFFFF

 536A81

 A0B8D1

 3B5268

 BCD4EE

 233B50

 D8F0FF

 0A2539

 F5FFFF

 001023

 00000C

 000000

 6C839B

 6C839B

 5D7B9B

 7C8B9B

■ 4D739B

■ 8B939B

■ 3E6B9B

■ 9B9B9B

■ 2E639B

■ AAA39B

■ 1F5B9B

■ BAAB9B

■ 0F549B

■ C9B29B

■ 004C9B

■ D9BA9B

■ E8C29B

■ F8CA9B

# Harmonies

## Analogous

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



5F8695



6C839B



7E7E9A

# Triad

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



6C839B



9D7777



71866F

# Complementary

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



6C839B



9B846C

# 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.



818367



6C839B



997A6C

# Square

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



6C839B



997785



8F7E66



63887C

# Rectangle

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



6C839B



897B95



8F7E66



76856C



# Sweetspot

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



6C839B



B7C0C9



6C9B84



5B6066



E6E6E6



666666



# Same Dimension

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



6C839B



81A4C9



6C6C9B



45494D



00458C



00060D



# Inverse Universe

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



9B6C83



C981A4



9B9B6C



4D4549



8C0045

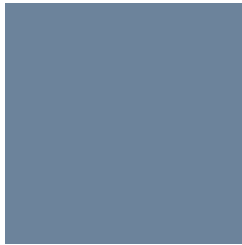


0D0006



# Previews

## White Background



This preview shows how the Hex color 6C839B looks on a white background.

## Color Contrast Check

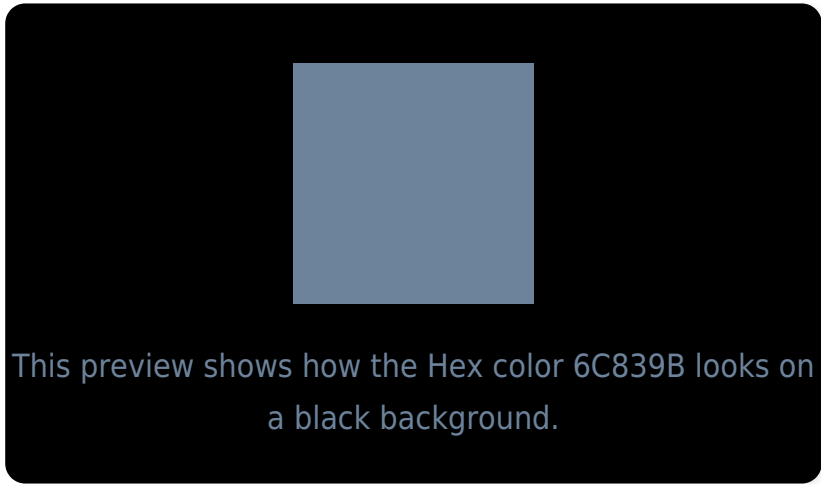
Large Text (above 18pt) WCAG AA ✓ Pass

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

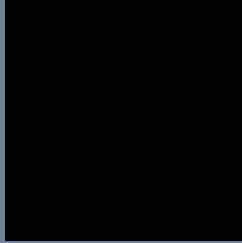
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

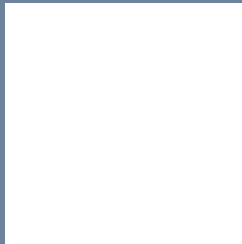
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6C839B Background



This preview shows how black text looks on a background with the Hex color 6C839B.



This preview shows how white text looks on a background with the Hex color 6C839B.

# 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**  
6C839B

**Protanopia**  
7B7F98

**Deuteranopia**  
7F7E9C



**Tritanopia**  
698590

# Trichromacy



**Original Color**  
6C839B

**Protanomaly**  
768099

**Deuteranomaly**  
78809C

**Tritanomaly**  
6A8494

# Monochromacy



**Original Color**  
6C839B

**Achromatopsia**  
7F7F7F

**Achromatomaly**  
788089

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C839B 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 #6C839B looks like.

```
.text, #text, p{  
    color:#6C839B  
}
```

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 #6C839B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C839B  
}
```

## Border

The CSS property to change the border of an element to Hex 6C839B 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  
#6C839B }
```

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

```
.border{ border-color:#6C839B }
```

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

Here you see how a box with a 4 pixel #6C839B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C839B; -webkit-box-shadow:4px 4px  
4px 4px #6C839B; box-shadow:4px 4px 4px  
4px #6C839B }
```

# Background

The CSS property to change the background color of an element to Hex 6C839B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C839B }
```

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

```
.background{ background-color:#6C839B }
```

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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