

# Converting Colors

Hex(6B939D)

Have a look what the booklet for  
Hex(6B939D) contains.

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# Color

**Hex(6B939D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B939D
RGB	107, 147, 157
RGB Percent	42%, 58%, 62%
CMY	0.5804, 0.4235, 0.3843
CMYK	0.32, 0.06, 0.00, 0.38
HSL	192°, 20%, 52%
HSV	192°, 32%, 62%
XYZ	22.5829, 26.4276, 35.8091
YIQ	136.1800, -27.0500, -5.3700

# Conversions

## Conversions Part 2

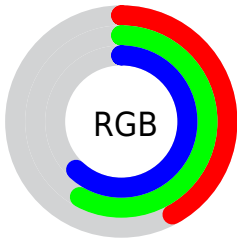
Format	Color
R <sub>YB</sub>	107, 129, 157
Decimal	7050141
CIE Lab	58.44, -11.18, -9.71
CIE LCh	58, 14.807, 220.956
Yxy	26.4276, 0.2662, 0.3116
Android (android.graphics.Color)	4285240221 (0xFF6B939D)
YUV	136.1800, 10.2643, -25.5909
Hunter-Lab	51.4077, -11.5502, -5.3142

# Details

The Hex color **6B939D** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9D756B**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **A0C9D4**, and **39606A** is the 20% darker color. If you saturate the color by 10%, you get **5B909D**, and if you desaturate by 10%, it is **7B969D**.

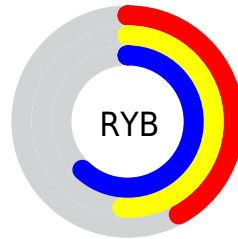
# Distribution



Red (42%)

Green (58%)

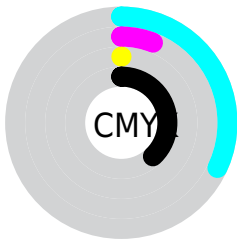
Blue (62%)



Red (42%)

Yellow (51%)

Blue (62%)

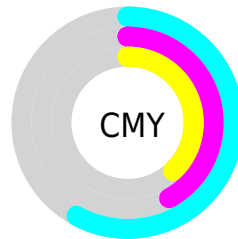


Cyan (32%)

Magenta (6%)

Yellow (0%)

Black (38%)



Cyan (58%)

Magenta (42%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B939D 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 6B939D by changing the saturation by 10% instead.





6B939D



6B939D

FFFFFF



527983



A0C9D4



39606A



BBE5F0



204952



D7FFFF



04323B



F4FFFF



001D25



000110



000000



6B939D



6B939D



5B909D



7B969D

■ 4C8D9D

■ 8A999D

■ 3C8A9D

■ 9A9C9D

■ 2C869D

■ AAA09D

■ 1C839D

■ BAA39D

■ 0D809D

■ C9A69D

■ 007E9D

■ D9A99D

■ E9AC9D

■ F8AF9D

# Harmonies

## Analogous

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



6C9491



6B939D



7490A5

# Triad

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



6B939D



A18495



928D73

# Complementary

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



6B939D



9D756B

# 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.



9E8974



6B939D



A88488

# Square

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



6B939D



9588A0



A6857C



839179

# Rectangle

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



6B939D



7F8DA6



A6857C



968C73



# Sweetspot

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



6B939D



B8C8CC



6B9D75



5A6466



E6E6E6



666666



# Same Dimension

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



6B939D



7EBCCC



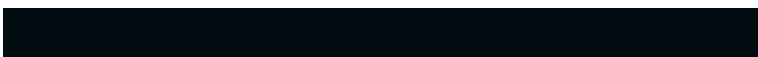
6B7A9D



474D4F



00728F



000C0F



# Inverse Universe

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



9D6B93



CC7EBC



9D8E6B



4F474D



8F0072



0F000C



# Previews

## White Background



This preview shows how the Hex color 6B939D looks on a white background.

## Color Contrast Check

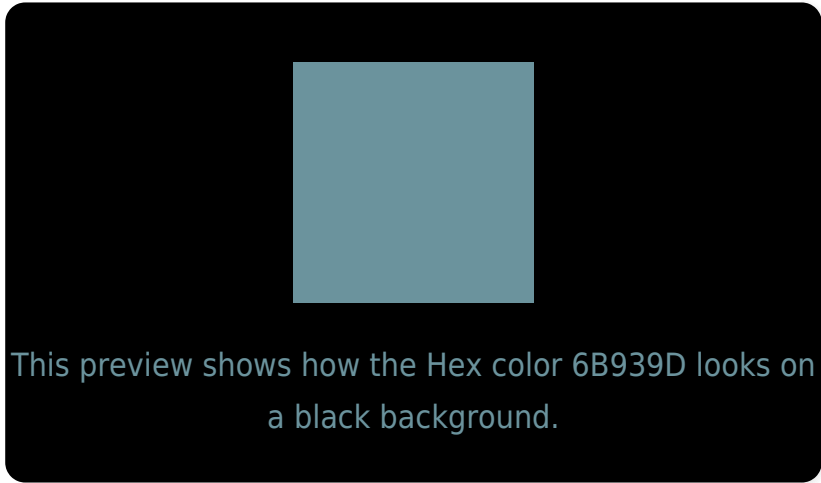
Large Text (above 18pt) WCAG AA ✓ Pass

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

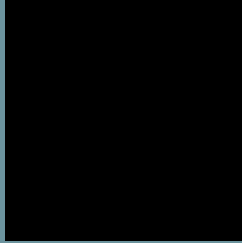
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6B939D Background



This preview shows how black text looks on a background with the Hex color 6B939D.

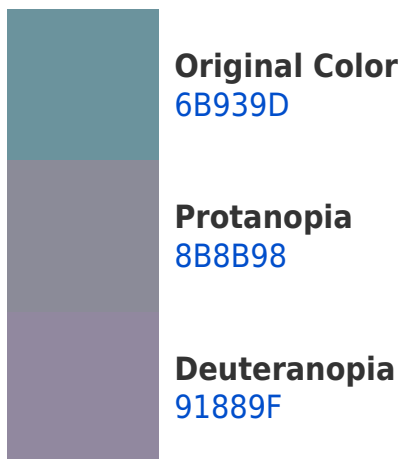



This preview shows how white text looks on a background with the Hex color 6B939D.

# 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](#).

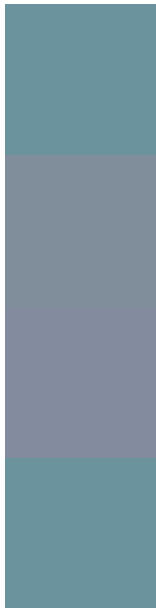
## Dichromacy





**Tritanopia**  
6B939F

# Trichromacy



**Original Color**  
6B939D

**Protanomaly**  
7F8E9A

**Deuteranomaly**  
838C9E

**Tritanomaly**  
6B939E

# Monochromacy



**Original Color**  
6B939D

**Achromatopsia**  
888888

**Achromatomaly**  
7D8C90

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B939D 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 #6B939D looks like.

```
.text, #text, p{  
    color:#6B939D  
}
```

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 #6B939D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B939D
}
```

## Border

The CSS property to change the border of an element to Hex 6B939D 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
#6B939D }
```

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

```
.border{ border-color:#6B939D }
```

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

Here you see how a box with a 4 pixel #6B939D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B939D; -webkit-box-shadow:4px 4px  
4px 4px #6B939D; box-shadow:4px 4px 4px  
4px #6B939D }
```

# Background

The CSS property to change the background color of an element to Hex 6B939D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B939D }
```

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

```
.background{ background-color:#6B939D }
```

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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