

# Converting Colors

Hex(65939A)

Have a look what the booklet for  
Hex(65939A) contains.

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# Color

Hex(65939A)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	65939A
RGB	101, 147, 154
RGB Percent	40%, 58%, 60%
CMY	0.6039, 0.4235, 0.3961
CMYK	0.34, 0.05, 0.00, 0.40
HSL	188°, 21%, 50%
HSV	188°, 34%, 60%
XYZ	21.6333, 25.9672, 34.4438
YIQ	134.0440, -29.6630, -7.5750

# Conversions

## Conversions Part 2

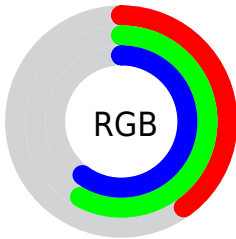
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 126, 154
Decimal	6656922
CIE <sub>Lab</sub>	58.01, -13.71, -8.68
CIE <sub>LCh</sub>	58, 16.227, 212.329
Yxy	25.9672, 0.2637, 0.3165
Android (android.graphics.Color)	4284847002 (0xFF65939A)
YUV	134.0440, 9.8383, -28.9796
Hunter-Lab	50.9581, -13.3978, -4.4050

# Details

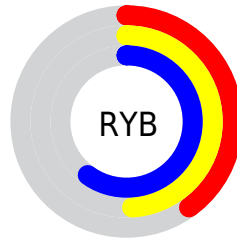
The Hex color **65939A** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9A6C65**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **9AC9D0**, and **326067** is the 20% darker color. If you saturate the color by 10%, you get **56919A**, and if you desaturate by 10%, it is **74959A**.

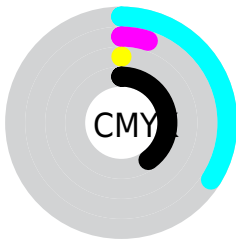
# Distribution



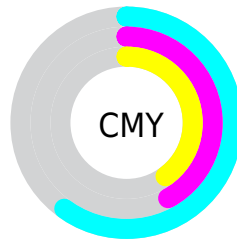
- Red (40%)
- Green (58%)
- Blue (60%)



- Red (40%)
- Yellow (49%)
- Blue (60%)



- Cyan (34%)
- Magenta (5%)
- Yellow (0%)
- Black (40%)



- Cyan (60%)
- Magenta (42%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65939A 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 65939A by changing the saturation by 10% instead.





65939A



65939A

FFFFFF



4C7980



9AC9D0



326067



B5E5ED



18484F



D1FFFF



003238



EEEFFF



001D23



00010D



000000



65939A



65939A



56919A



74959A

468F9A

84979A

378D9A

93999A

278B9A

A39B9A

18899A

B29D9A

09879A

C19F9A

00869A

D1A19A

E0A39A

F0A59A

# Harmonies

## Analogous

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



69948C



65939A



6C90A4

# Triad

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



65939A



9F8399



958B6F

# Complementary

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



65939A



9A6C65

# 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.



A28673



65939A



A8818B

# Square

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



65939A



8F87A3



A8837D



868F73

# Rectangle

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



65939A



778EA7



A8837D



9A8970



# Sweetspot

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



65939A



B5C7C9



659A6B



5A6466



E6E6E6



666666



# Same Dimension

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



65939A



77BFC9



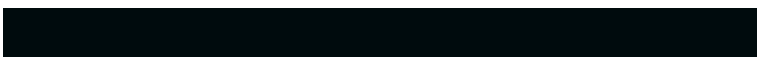
65799A



454B4D



007A8C



000B0D



# Inverse Universe

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



9A6593



C977BF



9A8665



4D454B



8C007A



0D000B



# Previews

## White Background



This preview shows how the Hex color 65939A looks on a white background.

## Color Contrast Check

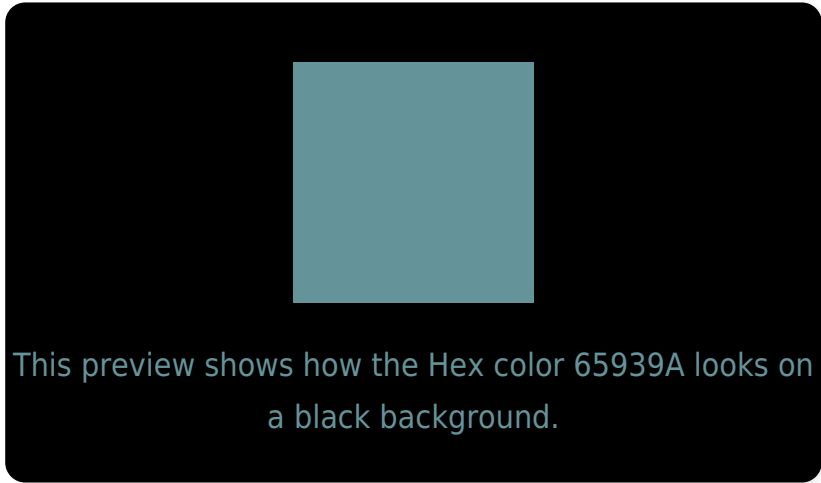
Large Text (above 18pt) WCAG AA ✓ Pass

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

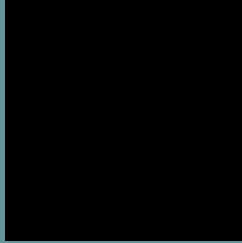
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

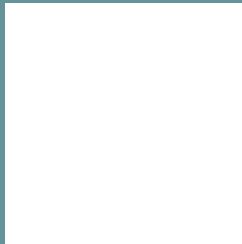
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 65939A Background



This preview shows how black text looks on a background with the Hex color 65939A.

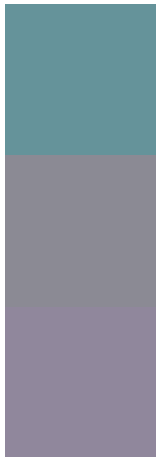


This preview shows how white text looks on a background with the Hex color 65939A.

# 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**  
65939A

**Protanopia**  
8B8A94

**Deuteranopia**  
90879C



**Tritanopia**  
66929E

# Trichromacy



**Original Color**  
65939A

**Protanomaly**  
7D8D96

**Deuteranomaly**  
808B9B

**Tritanomaly**  
66929D

# Monochromacy



**Original Color**  
65939A

**Achromatopsia**  
868686

**Achromatomaly**  
7A8B8D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65939A 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 #65939A looks like.

```
.text, #text, p{  
    color:#65939A  
}
```

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 #65939A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65939A
}
```

## Border

The CSS property to change the border of an element to Hex 65939A 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
#65939A }
```

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

```
.border{ border-color:#65939A }
```

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

Here you see how a box with a 4 pixel #65939A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65939A; -webkit-box-shadow:4px 4px  
4px 4px #65939A; box-shadow:4px 4px 4px  
4px #65939A }
```

# Background

The CSS property to change the background color of an element to Hex 65939A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65939A }
```

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

```
.background{ background-color:#65939A }
```

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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