

# Converting Colors

Hex(00839C)

Have a look what the booklet for  
Hex(00839C) contains.

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**Color**

**Hex(00839C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	00839C
RGB	0, 131, 156
RGB Percent	0%, 51%, 61%
CMY	1.0000, 0.4863, 0.3882
CMYK	1.00, 0.16, 0.00, 0.39
HSL	190°, 100%, 31%
HSV	190°, 100%, 61%
XYZ	14.1170, 18.6329, 34.3050
YIQ	94.6810, -86.1010, -19.9970

# Conversions

## Conversions Part 2

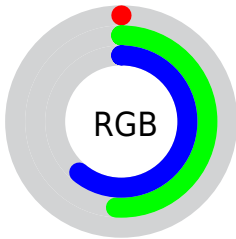
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 71, 156</a>
Decimal	<a href="#">33692</a>
CIELab	<a href="#">50.25, -20.79, -21.86</a>
CIELCh	<a href="#">50, 30.166, 226.436</a>
Yxy	<a href="#">18.6329, 0.2105, 0.2779</a>
Android (android.graphics.Color)	<a href="#">4278223772</a> ( <a href="#">0xFF00839C</a> )
YUV	<a href="#">94.6810, 30.2303, -83.0352</a>
Hunter-Lab	<a href="#">43.1658, -17.1632, -16.9031</a>

# Details

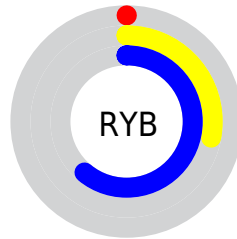
The Hex color **00839C** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9C1900**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **58B8D3**, and **005169** is the 20% darker color. If you saturate the color by 10%, you get **00839C**, and if you desaturate by 10%, it is **10859C**.

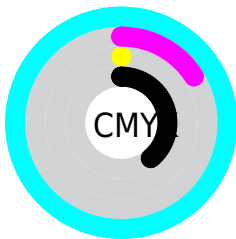
# Distribution



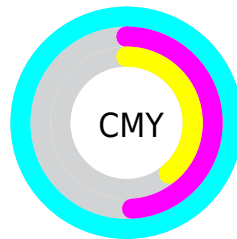
- Red (0%)
- Green (51%)
- Blue (61%)



- Red (0%)
- Yellow (28%)
- Blue (61%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (39%)



- Cyan (100%)
- Magenta (49%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00839C 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 00839C by changing the saturation by 10% instead.



 00839C

 00839C

FFFFFF

 006A82

 58B8D3

 005169

 76D4EF

 003A50

 93F0FF

 002439

 B1FFFF

 000424

 CEFFFF

 00000C

 ECFFFF

 000000

 00839C

 10859C

 1F889C

 2F8A9C

 3E8D9C

 4E8F9C

 5E929C

 6D949C

 7D979C

 8C9A9C

# Harmonies

## Analogous

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



0E8585



00839C



3C7EA9

# Triad

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



00839C



A26584



7A7B45

# Complementary

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



00839C



9C1900

# 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.



937246



00839C



AA646A

# Square

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



00839C



8C6C9B



A36953



5D8153

# Rectangle

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



00839C



5B78AA



A36953



837844



# Sweetspot

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



00839C



8FC2CC



009C17



416066



E6E6E6



666666



# Same Dimension

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



00839C



00ABCC



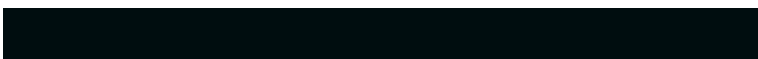
00379C



474E4F



00788F



000D0F



# Inverse Universe

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



9C0083



CC00AB



9C6500



4F474E



8F0078



0F000D



# Previews

## White Background



This preview shows how the Hex color 00839C looks on a white background.

## Color Contrast Check

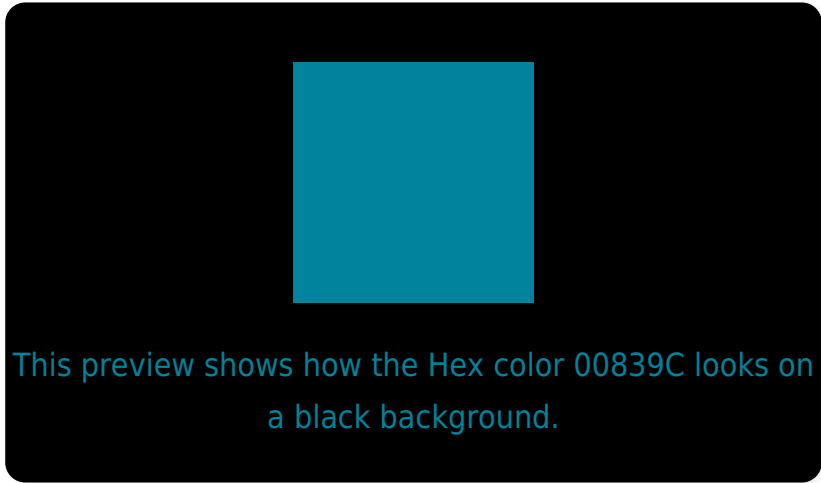
Large Text (above 18pt) WCAG AA ✓ Pass

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

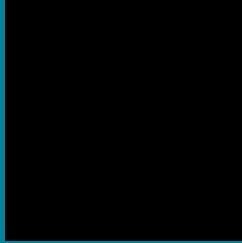
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 00839C Background



This preview shows how black text looks on a background with the Hex color 00839C.

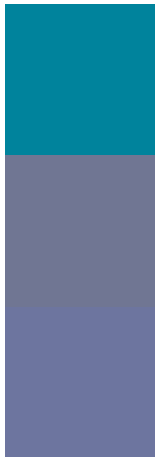


This preview shows how white text looks on a background with the Hex color 00839C.

# 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**  
00839C

**Protanopia**  
707693

**Deuteranopia**  
6D759F



**Tritanopia**  
00858F

# Trichromacy



**Original Color**  
00839C



**Protanomaly**  
477B96



**Deuteranomaly**  
457A9E



**Tritanomaly**  
008494

# Monochromacy



**Original Color**  
00839C



**Achromatopsia**  
5F5F5F



**Achromatomaly**  
3C6C75

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00839C 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 #00839C looks like.

```
.text, #text, p{  
    color:#00839C  
}
```

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 #00839C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00839C
}
```

## Border

The CSS property to change the border of an element to Hex 00839C 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
#00839C }
```

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

```
.border{ border-color:#00839C }
```

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

Here you see how a box with a 4 pixel #00839C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00839C; -webkit-box-shadow:4px 4px  
4px 4px #00839C; box-shadow:4px 4px 4px  
4px #00839C }
```

# Background

The CSS property to change the background color of an element to Hex 00839C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00839C }
```

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

```
.background{ background-color:#00839C }
```

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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