

# Converting Colors

Hex(03879B)

Have a look what the booklet for  
Hex(03879B) contains.

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**Color**

**Hex(03879B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	03879B
RGB	3, 135, 155
RGB Percent	1%, 53%, 61%
CMY	0.9882, 0.4706, 0.3922
CMYK	0.98, 0.13, 0.00, 0.39
HSL	188°, 96%, 31%
HSV	188°, 98%, 61%
XYZ	14.6179, 19.7139, 34.0451
YIQ	97.8120, -85.0920, -21.7640

# Conversions

## Conversions Part 2

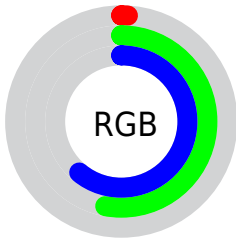
<b>Format</b>	<b>Color</b>
<b>RYB</b>	3, 74, 155
Decimal	231323
CIELab	51.51, -23.11, -19.35
CIElCh	52, 30.141, 219.930
Yxy	19.7139, 0.2138, 0.2883
Android (android.graphics.Color)	4278421403 (0xFF03879B)
YUV	97.8120, 28.1937, -83.1501
Hunter-Lab	44.4003, -18.9329, -14.3819

# Details

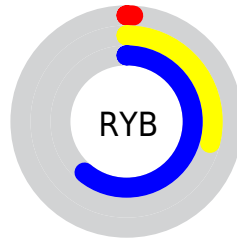
The Hex color **03879B** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9B1703**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **59BDD1**, and **005568** is the 20% darker color. If you saturate the color by 10%, you get **00879B**, and if you desaturate by 10%, it is **12899B**.

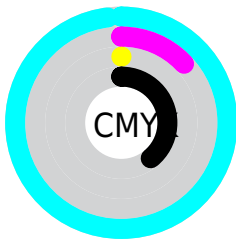
# Distribution



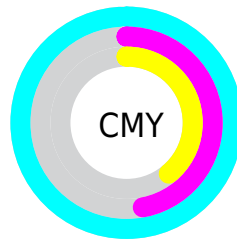
- Red (1%)
- Green (53%)
- Blue (61%)



- Red (1%)
- Yellow (29%)
- Blue (61%)



- Cyan (98%)
- Magenta (13%)
- Yellow (0%)
- Black (39%)



- Cyan (99%)
- Magenta (47%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 03879B 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 03879B by changing the saturation by 10% instead.



 03879B

 03879B

FFFFFF

 006D81

 59BDD1

 005568

 77D8EE

 003D50

 94F5FF

 002739

 B2FFFF

 000C23

 CFFFFFF

 00000B

 EDFFFF

 000000

 03879B

 03879B

 00879B

 12899B

■ 228B9B

■ 318D9B

■ 418F9B

■ 50919B

■ 60939B

■ 6F959B

■ 7F979B

■ 8E999B

# Harmonies

## Analogous

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



208983



03879B



3582AB

# Triad

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



03879B



A2698D



837C47

# Complementary

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



03879B



9B1703

# 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.



9A734B



03879B



AD6773

# Square

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



03879B



8971A2



A96B5B



678352

# Rectangle

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



03879B



557DAE



A96B5B



8C7947



# Sweetspot

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



03879B



8FC2C9



039B15



426166



E6E6E6



666666



# Same Dimension

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



03879B



00AFC9



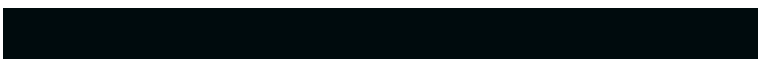
033D9B



454B4D



007A8C



000B0D



# Inverse Universe

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



9B0387



C900AF



9B6103



4D454B



8C007A



0D000B



# Previews

## White Background



This preview shows how the Hex color 03879B looks on a white background.

## Color Contrast Check

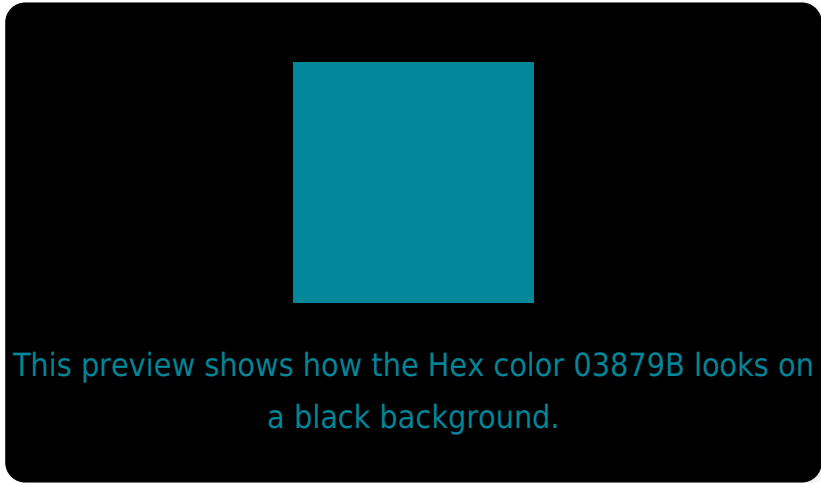
Large Text (above 18pt) WCAG AA ✓ Pass

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

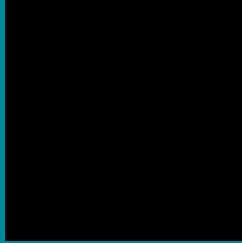
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 03879B Background



This preview shows how black text looks on a background with the Hex color 03879B.

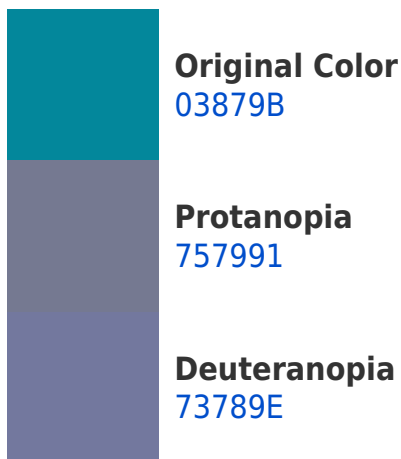


This preview shows how white text looks on a background with the Hex color 03879B.

# 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



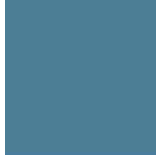


**Tritanopia**  
008893

# Trichromacy



**Original Color**  
03879B



**Protanomaly**  
4C7E95



**Deuteranomaly**  
4A7D9D



**Tritanomaly**  
018896

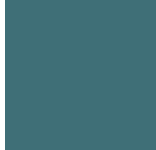
# Monochromacy



**Original Color**  
03879B



**Achromatopsia**  
626262



**Achromatomaly**  
3F6F77

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 03879B 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 #03879B looks like.

```
.text, #text, p{  
    color:#03879B  
}
```

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 #03879B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03879B
}
```

## Border

The CSS property to change the border of an element to Hex 03879B 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
#03879B }
```

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

```
.border{ border-color:#03879B }
```

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

Here you see how a box with a 4 pixel #03879B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03879B; -webkit-box-shadow:4px 4px  
4px 4px #03879B; box-shadow:4px 4px 4px  
4px #03879B }
```

# Background

The CSS property to change the background color of an element to Hex 03879B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03879B }
```

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

```
.background{ background-color:#03879B }
```

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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