

Converting Colors

Hex(00839B)

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

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Color

Hex(00839B)

Conversions

Conversions Part 1

Format	Color
Hex	00839B
RGB	0, 131, 155
RGB Percent	0%, 51%, 61%
CMY	1.0000, 0.4863, 0.3922
CMYK	1.00, 0.15, 0.00, 0.39
HSL	189°, 100%, 30%
HSV	189°, 100%, 61%
XYZ	14.0327, 18.5992, 33.8607
YIQ	94.5670, -85.7800, -20.3080

Conversions

Conversions Part 2

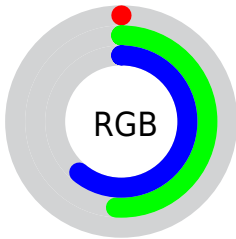
Format	Color
RYB	0, 71, 155
Decimal	33691
CIELab	50.21, -21.15, -21.34
CIELCh	50, 30.040, 225.259
Yxy	18.5992, 0.2110, 0.2797
Android (android.graphics.Color)	4278223771 (0xFF00839B)
YUV	94.5670, 29.7935, -82.9353
Hunter-Lab	43.1267, -17.3910, -16.3625

Details

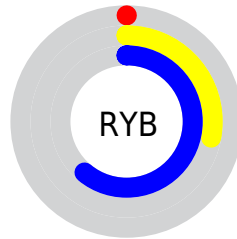
The Hex color **00839B** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9B1800**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **57B8D2**, and **005168** is the 20% darker color. If you saturate the color by 10%, you get **00839B**, and if you desaturate by 10%, it is **0F859B**.

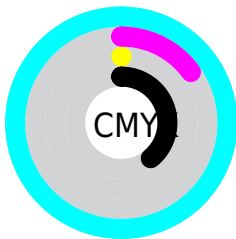
Distribution



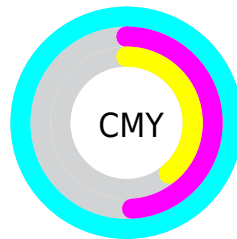
- Red (0%)
- Green (51%)
- Blue (61%)



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



- Cyan (100%)
- Magenta (15%)
- Yellow (0%)
- Black (39%)



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

Brightness & Saturation Gradients

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

 00839B

 00839B

FFFFFF

 006A81

 57B8D2

 005168

 76D4EE

 003A50

 93F0FF

 002439

 B0FFFF

 000423

 CEFFFF

 00000B

 ECFFFF

 000000

 00839B

 0F859B

 1F889B

 2F8A9B

 3E8D9B

 4E8F9B

 5D919B

 6C949B

 7C969B

 8B999B

Harmonies

Analogous

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



128584



00839B



3A7EA8

Triad

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



00839B



A16585



7B7A45

Complementary

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



00839B



9B1800

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



00839B



A9646B

Square

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



00839B



8B6C9C



A46954



5F8153

Rectangle

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



00839B



5978AA



A46954



847744

Sweetspot

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



00839B



8DC0C9



009B17



416066



E6E6E6



666666

Same Dimension

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



00839B



00AAC9



00369B



454B4D



00778C



000B0D

Inverse Universe

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



9B0083



C900AA



9B6500



4D454B



8C0077



0D000B

Previews

White Background



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

Color Contrast Check

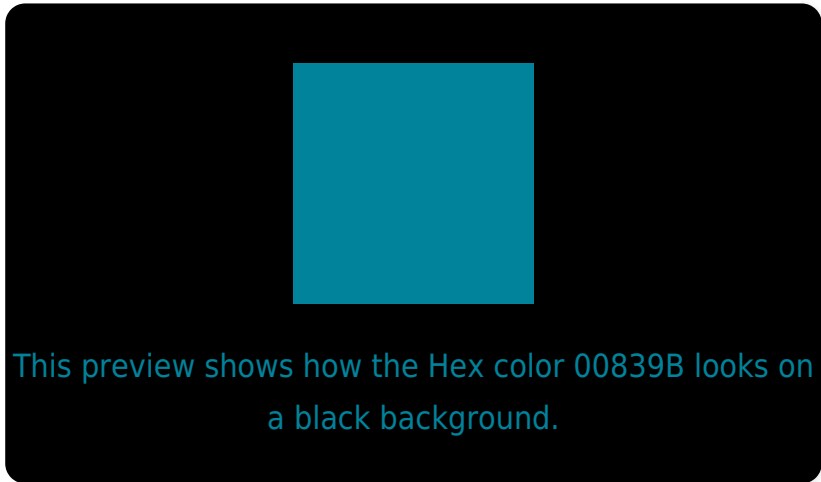
Large Text (above 18pt) WCAG AA ✓ Pass

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

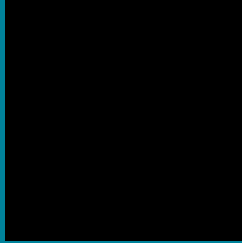
Any Text WCAG AA ✓ Pass

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 00839B Background



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

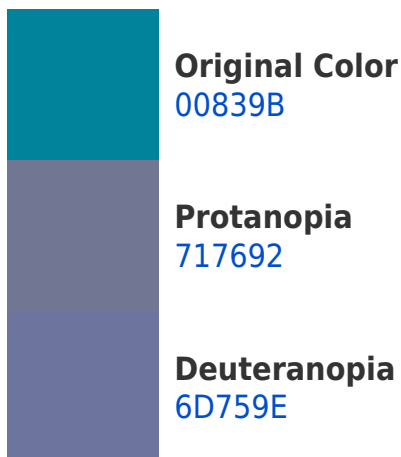


This preview shows how white text looks on a background with the Hex color 00839B.

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



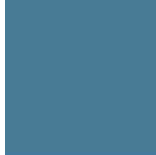


Tritanopia
00848F

Trichromacy



Original Color
00839B



Protanomaly
487B95



Deuteranomaly
457A9D



Tritanomaly
008493

Monochromacy



Original Color
00839B



Achromatopsia
5F5F5F



Achromatomaly
3C6C75

CSS Examples

Text

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

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

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 #00839B colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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