

# Converting Colors

Hex(0D839E)

Have a look what the booklet for  
Hex(0D839E) contains.

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# Color

Hex(0D839E)

# Conversions

## Conversions Part 1

Format	Color
Hex	0D839E
RGB	13, 131, 158
RGB Percent	5%, 51%, 62%
CMY	0.9490, 0.4863, 0.3804
CMYK	0.92, 0.17, 0.00, 0.38
HSL	191°, 85%, 34%
HSV	191°, 92%, 62%
XYZ	14.4538, 18.7868, 35.2122
YIQ	98.7960, -78.9950, -16.6190

# Conversions

## Conversions Part 2

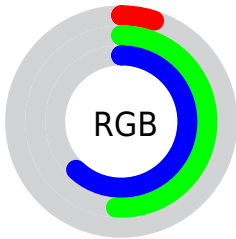
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 78, 158
Decimal	885662
CIELab	50.44, -19.48, -22.73
CIELCh	50, 29.941, 229.401
Yxy	18.7868, 0.2112, 0.2744
Android (android.graphics.Color)	4279075742 (0xFF0D839E)
YUV	98.7960, 29.1876, -75.2431
Hunter-Lab	43.3437, -16.3271, -17.8262

# Details

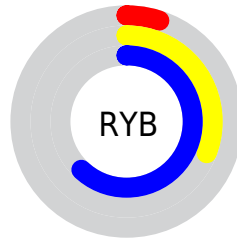
The Hex color **0D839E** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **9E280D**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **5BB8D5**, and **00516B** is the 20% darker color. If you saturate the color by 10%, you get **00819E**, and if you desaturate by 10%, it is **1D869E**.

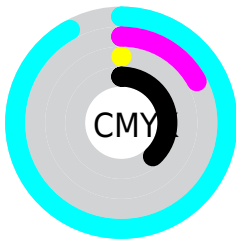
# Distribution



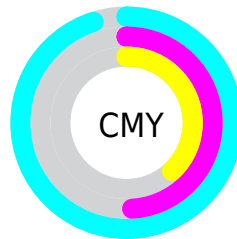
- Red (5%)
- Green (51%)
- Blue (62%)



- Red (5%)
- Yellow (31%)
- Blue (62%)



- Cyan (92%)
- Magenta (17%)
- Yellow (0%)
- Black (38%)



- Cyan (95%)
- Magenta (49%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0D839E 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 0D839E by changing the saturation by 10% instead.



0D839E

0D839E

FFFFFF

006A84

5BB8D5

00516B

79D4F1

003A52

96F0FF

00243B

B4FFFF

000526

D1FFFF

00010F

EFFFFF

000000

0D839E

0D839E

00819E

1D869E

■ 2D899E

■ 3C8C9E

■ 4C8F9E

■ 5C929E

■ 6C959E

■ 7C989E

■ 8B9B9E

■ 9B9D9E

# Harmonies

## Analogous

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



0D8688



0D839E



427DAA

# Triad

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



0D839E



A46582



787C47

# Complementary

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



0D839E



9E280D

# 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.



917346



0D839E



AA6568

# Square

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



0D839E



8F6B99



A26B52



5B8256

# Rectangle

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



0D839E



6078AA



A26B52



817945



# Sweetspot

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



0D839E



95C4CF



0D9E28



456269



E8E8E8



696969



# Same Dimension

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



0D839E



00A8CF



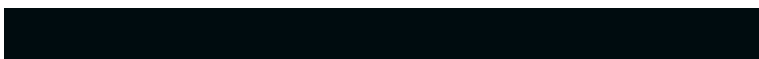
0D3B9E



474E4F



00748F



000C0F



# Inverse Universe

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



9E0D83



CF00A8



9E700D



4F474E



8F0074



0F000C



# Previews

## White Background



This preview shows how the Hex color 0D839E looks on a white background.

## Color Contrast Check

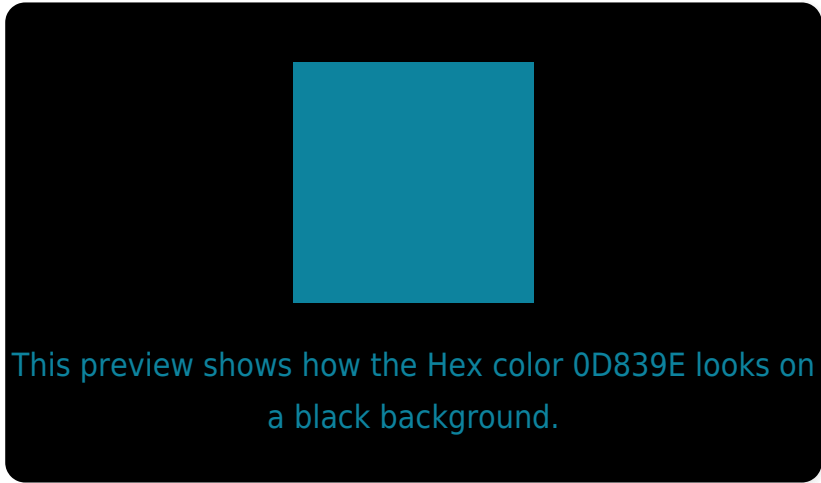
Large Text (above 18pt) WCAG AA ✓ Pass

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

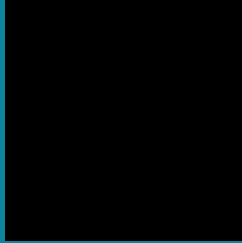
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0D839E Background



This preview shows how black text looks on a background with the Hex color 0D839E.

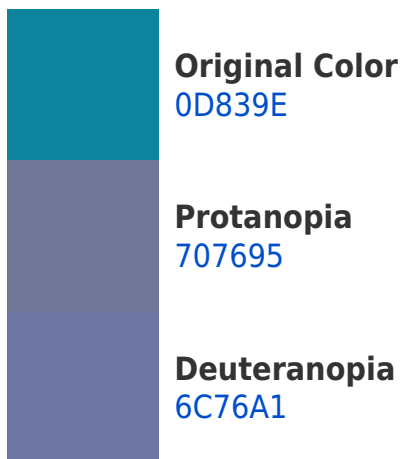


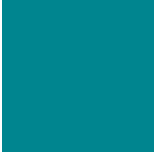
This preview shows how white text looks on a background with the Hex color 0D839E.

# 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**  
00858F

# Trichromacy



**Original Color**  
0D839E

**Protanomaly**  
4C7B98

**Deuteranomaly**  
497BA0

**Tritanomaly**  
058494

# Monochromacy



**Original Color**  
0D839E

**Achromatopsia**  
636363

**Achromatomaly**  
446F78

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0D839E 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 #0D839E looks like.

```
.text, #text, p{  
    color:#0D839E  
}
```

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 #0D839E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D839E
}
```

## Border

The CSS property to change the border of an element to Hex 0D839E 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
#0D839E }
```

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

```
.border{ border-color:#0D839E }
```

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

Here you see how a box with a 4 pixel #0D839E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D839E; -webkit-box-shadow:4px 4px  
4px 4px #0D839E; box-shadow:4px 4px 4px  
4px #0D839E }
```

# Background

The CSS property to change the background color of an element to Hex 0D839E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D839E }
```

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

```
.background{ background-color:#0D839E }
```

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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