

Converting Colors

Hex(00819B)

Have a look what the booklet for
Hex(00819B) contains.

Hex(00819B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00819B)

Conversions

Conversions Part 1

Format	Color
Hex	00819B
RGB	0, 129, 155
RGB Percent	0%, 51%, 61%
CMY	1.0000, 0.4941, 0.3922
CMYK	1.00, 0.17, 0.00, 0.39
HSL	190°, 100%, 30%
HSV	190°, 100%, 61%
XYZ	13.7667, 18.0671, 33.7721
YIQ	93.3930, -85.2300, -19.2620

Conversions

Conversions Part 2

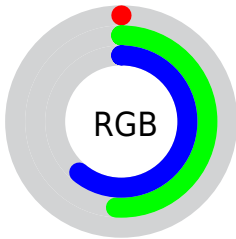
Format	Color
RYB	0, 70, 155
Decimal	33179
CIELab	49.58, -20.08, -22.32
CIELCh	50, 30.020, 228.025
Yxy	18.0671, 0.2098, 0.2754
Android (android.graphics.Color)	4278223259 (0xFF00819B)
YUV	93.3930, 30.3723, -81.9057
Hunter-Lab	42.5054, -16.5718, -17.3543

Details

The Hex color **00819B** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **9B1A00**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **57B6D2**, and **004F68** is the 20% darker color. If you saturate the color by 10%, you get **00819B**, and if you desaturate by 10%, it is **0F849B**.

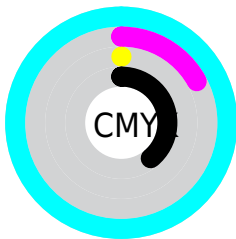
Distribution



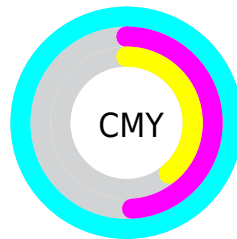
- Red (0%)
- Green (51%)
- Blue (61%)



- Red (0%)
- Yellow (27%)
- Blue (61%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (39%)




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

Brightness & Saturation Gradients

These gradients show how the Hex color 00819B 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 00819B by changing the saturation by 10% instead.

 00819B

 00819B

FFFFFF

 006881

 57B6D2

 004F68

 75D2EE

 003850

 93EEFF

 002339

 B0FFFF

 000223

 CEFFFF

 00000B

 EBFFFF

 000000

 00819B

 0F849B

 1F869B

 2F899B

 3E8B9B

 4E8E9B

 5D919B

 6C939B

 7C969B

 8B989B

Harmonies

Analogous

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



088385



00819B



3D7BA7

Triad

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



00819B



A16381



777944

Complementary

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



00819B



9B1A00

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.



8F7144



00819B



A86267

Square

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



00819B



8C6A98



A16851



5A7F53

Rectangle

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



00819B



5C76A8



A16851



807743

Sweetspot

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



00819B



8DBFC9



009B1A



416066



E6E6E6



666666

Same Dimension

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



00819B



00A8C9



00349B



454B4D



00758C



000B0D

Inverse Universe

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



9B0081



C900A8



9B6700



4D454B



8C0075



0D000B

Previews

White Background



This preview shows how the Hex color 00819B looks on a white background.

Color Contrast Check

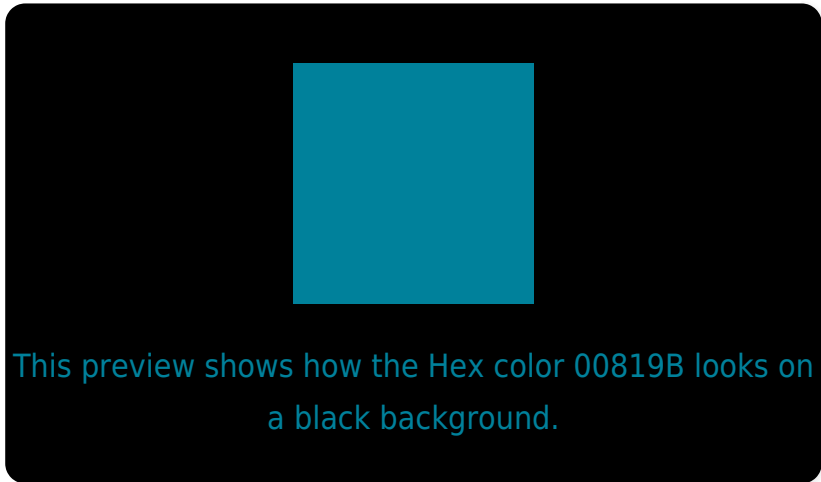
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

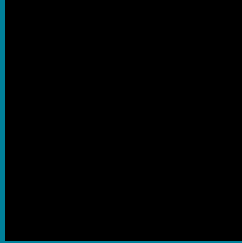
Any Text WCAG AA ✓ Pass

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 00819B Background



This preview shows how black text looks on a background with the Hex color 00819B.

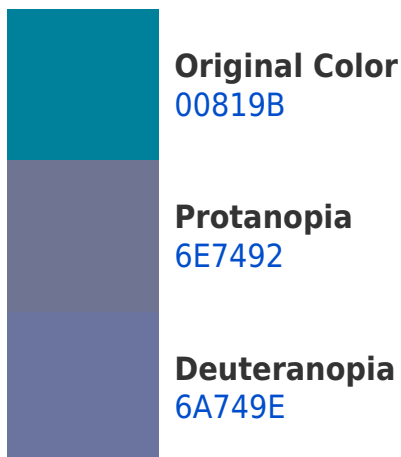


This preview shows how white text looks on a background with the Hex color 00819B.

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
00838D

Trichromacy



Original Color
00819B



Protanomaly
467995



Deuteranomaly
43799D



Tritanomaly
008292

Monochromacy



Original Color
00819B



Achromatopsia
5D5D5D



Achromatomaly
3B6A74

CSS Examples

Text

The CSS property to change the color of the text to Hex 00819B 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 #00819B looks like.

```
.text, #text, p{  
    color:#00819B  
}
```

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 #00819B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00819B
}
```

Border

The CSS property to change the border of an element to Hex 00819B 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
#00819B }
```

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

```
.border{ border-color:#00819B }
```

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

Here you see how a box with a 4 pixel #00819B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00819B; -webkit-box-shadow:4px 4px  
4px 4px #00819B; box-shadow:4px 4px 4px  
4px #00819B }
```

Background

The CSS property to change the background color of an element to Hex 00819B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00819B }
```

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

```
.background{ background-color:#00819B }
```

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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