

Converting Colors

Hex(01819E)

Have a look what the booklet for
Hex(01819E) contains.

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Color

Hex(01819E)

Conversions

Conversions Part 1

Format	Color
Hex	01819E
RGB	1, 129, 158
RGB Percent	0%, 51%, 62%
CMY	0.9961, 0.4941, 0.3804
CMYK	0.99, 0.18, 0.00, 0.38
HSL	191°, 99%, 31%
HSV	191°, 99%, 62%
XYZ	14.0343, 18.1756, 35.1163
YIQ	94.0340, -85.5970, -18.1170

Conversions

Conversions Part 2

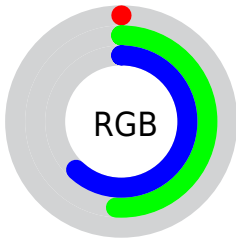
Format	Color
RYB	1, 72, 158
Decimal	98718
CIELab	49.71, -18.95, -23.87
CIELCh	50, 30.475, 231.546
Yxy	18.1756, 0.2085, 0.2700
Android (android.graphics.Color)	4278288798 (0xFF01819E)
YUV	94.0340, 31.5352, -81.5908
Hunter-Lab	42.6328, -15.8469, -18.9937

Details

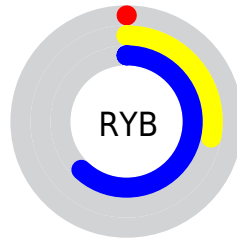
The Hex color **01819E** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **9E1E01**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **58B6D5**, and **00506B** is the 20% darker color. If you saturate the color by 10%, you get **00819E**, and if you desaturate by 10%, it is **11849E**.

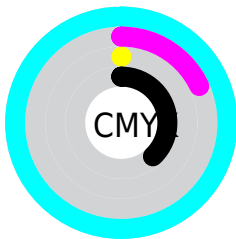
Distribution



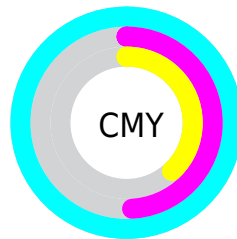
- Red (0%)
- Green (51%)
- Blue (62%)



- Red (0%)
- Yellow (28%)
- Blue (62%)



- Cyan (99%)
- Magenta (18%)
- Yellow (0%)
- Black (38%)



- Cyan (100%)
- Magenta (49%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 01819E 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 01819E by changing the saturation by 10% instead.

01819E

01819E

FFFFFF

006884

58B6D5

00506B

76D2F1

003852

94EEFF

00233B

B1FFFF

000226

CFFFFFF

00010E

EDFFFF

000000

01819E

01819E

00819E

11849E

■ 21879E

■ 308A9E

■ 408D9E

■ 50909E

■ 60939E

■ 70959E

■ 7F989E

■ 8F9B9E

Harmonies

Analogous

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



008488



01819E



427BA9

Triad

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



01819E



A3627F



747A45

Complementary

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



01819E



9E1E01

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.



8D7243



01819E



A86365

Square

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



01819E



906997



A0694F



568055

Rectangle

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



01819E



6175A9



A0694F



7D7843

Sweetspot

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



01819E



91C3CF



019E1E



436269



E8E8E8



696969

Same Dimension

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



01819E



00A8CF



01339E



474E4F



00748F



000C0F

Inverse Universe

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



9E0181



CF00A8



9E6C01



4F474E



8F0074



0F000C

Previews

White Background



This preview shows how the Hex color 01819E looks on a white background.

Color Contrast Check

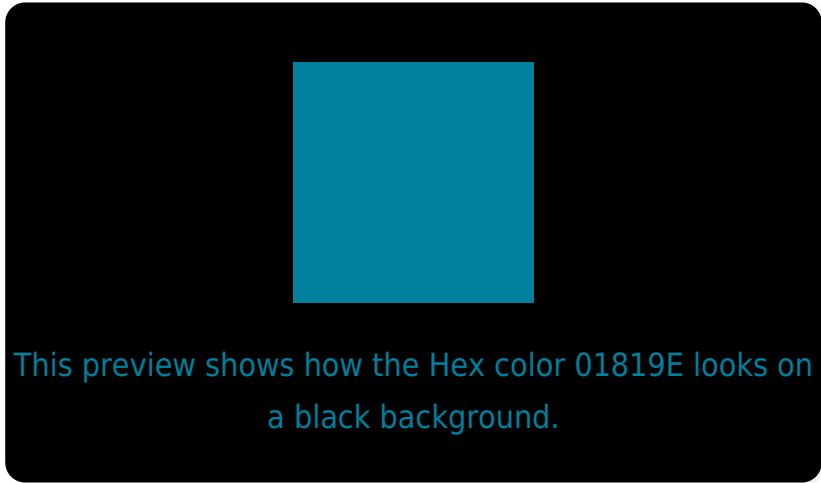
Large Text (above 18pt) WCAG AA ✓ Pass

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

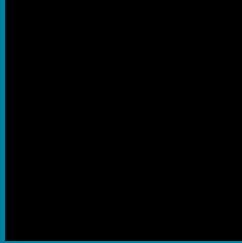
Any Text WCAG AA ✓ Pass

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 01819E Background



This preview shows how black text looks on a background with the Hex color 01819E.

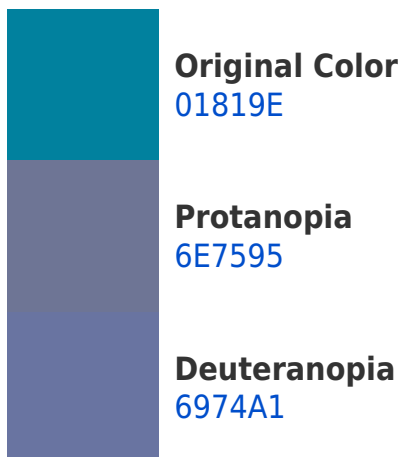


This preview shows how white text looks on a background with the Hex color 01819E.

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](#).

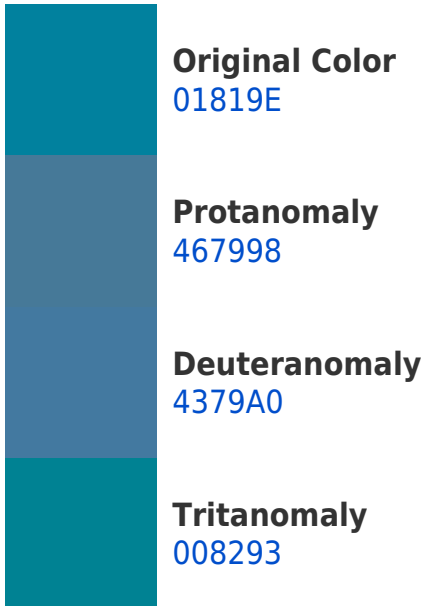
Dichromacy





Tritanopia
00838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 01819E 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 #01819E looks like.

```
.text, #text, p{  
    color:#01819E  
}
```

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 #01819E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01819E
}
```

Border

The CSS property to change the border of an element to Hex 01819E 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
#01819E }
```

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

```
.border{ border-color:#01819E }
```

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

Here you see how a box with a 4 pixel #01819E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01819E; -webkit-box-shadow:4px 4px  
4px 4px #01819E; box-shadow:4px 4px 4px  
4px #01819E }
```

Background

The CSS property to change the background color of an element to Hex 01819E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01819E }
```

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

```
.background{ background-color:#01819E }
```

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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