

Converting Colors

Hex(15819C)

Have a look what the booklet for
Hex(15819C) contains.

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Color

Hex(15819C)

Conversions

Conversions Part 1

Format	Color
Hex	15819C
RGB	21, 129, 156
RGB Percent	8%, 51%, 61%
CMY	0.9176, 0.4941, 0.3882
CMYK	0.87, 0.17, 0.00, 0.39
HSL	192°, 76%, 35%
HSV	192°, 87%, 61%
XYZ	14.1603, 18.2602, 34.2307
YIQ	99.7860, -73.0350, -14.4990

Conversions

Conversions Part 2

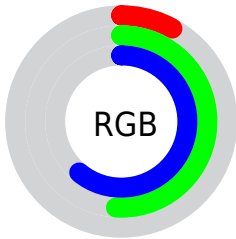
Format	Color
R _Y B	21, 81, 156
Decimal	1409436
CIE Lab	49.81, -18.60, -22.53
CIE LCh	50, 29.215, 230.450
Yxy	18.2602, 0.2125, 0.2740
Android (android.graphics.Color)	4279599516 (0xFF15819C)
YUV	99.7860, 27.7135, -69.0953
Hunter-Lab	42.7320, -15.6308, -17.5822

Details

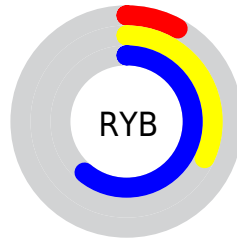
The Hex color **15819C** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **9C3015**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **5DB6D3**, and **005069** is the 20% darker color. If you saturate the color by 10%, you get **057E9C**, and if you desaturate by 10%, it is **25849C**.

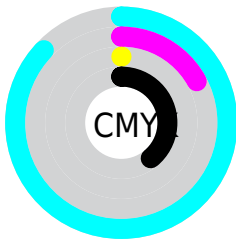
Distribution



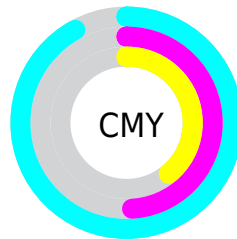
- Red (8%)
- Green (51%)
- Blue (61%)



- Red (8%)
- Yellow (32%)
- Blue (61%)



- Cyan (87%)
- Magenta (17%)
- Yellow (0%)
- Black (39%)



- Cyan (92%)
- Magenta (49%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15819C 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 15819C by changing the saturation by 10% instead.

 15819C

 15819C

FFFFFF

 006882

 5DB6D3

 005069

 7BD2EF

 003850

 98EEFF

 002339

 B5FFFF

 000224

 D2FFFF

 00000C

 F0FFFF

 000000

 15819C

 15819C

 057E9C

 25849C

■ 007D9C

■ 34879C

■ 448A9C

■ 538D9C

■ 63919C

■ 73949C

■ 82979C

■ 929A9C

■ A19D9C

Harmonies

Analogous

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



118487



15819C



447BA7

Triad

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



15819C



A1647F



767A47

Complementary

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



15819C



9C3015

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.



8E7245



15819C



A76466

Square

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



15819C



8E6A96



9F6A51



598056

Rectangle

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



15819C



6176A7



9F6A51



7E7845

Sweetspot

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



15819C



97C1CC



159C30



466066



E6E6E6



666666

Same Dimension

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



15819C



00A3CC



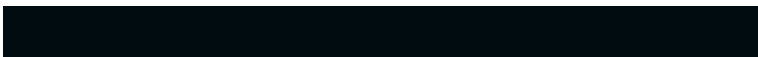
153D9C



474D4F



00728F



000C0F

Inverse Universe

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



9C1581



CC00A3



9C7415



4F474D



8F0072



0F000C

Previews

White Background



This preview shows how the Hex color 15819C looks on a white background.

Color Contrast Check

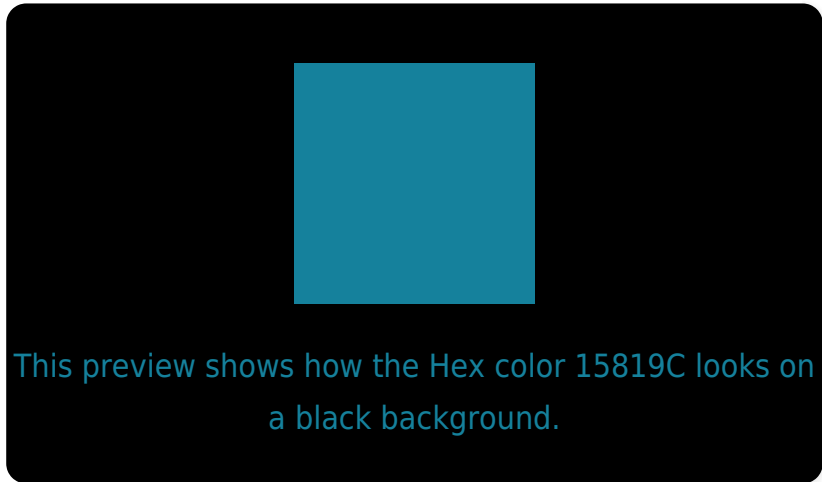
Large Text (above 18pt) WCAG AA ✓ Pass

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

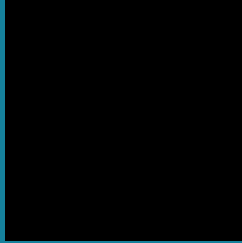
Any Text WCAG AA ✓ Pass

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 15819C Background



This preview shows how black text looks on a background with the Hex color 15819C.

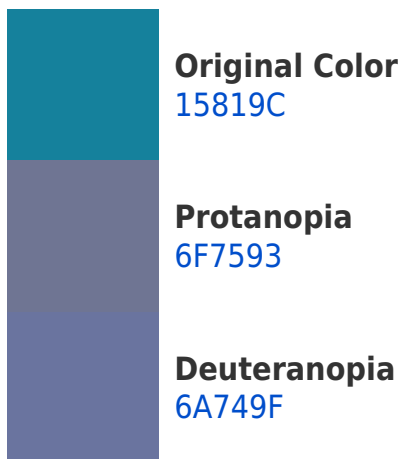


This preview shows how white text looks on a background with the Hex color 15819C.

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
00838E

Trichromacy



Original Color
15819C

Protanomaly
4E7996

Deuteranomaly
4B799E

Tritanomaly
088293

Monochromacy



Original Color
15819C

Achromatopsia
646464

Achromatomaly
476F78

CSS Examples

Text

The CSS property to change the color of the text to Hex 15819C 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 #15819C looks like.

```
.text, #text, p{  
    color:#15819C  
}
```

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 #15819C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15819C
}
```

Border

The CSS property to change the border of an element to Hex 15819C 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
#15819C }
```

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

```
.border{ border-color:#15819C }
```

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

Here you see how a box with a 4 pixel #15819C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15819C; -webkit-box-shadow:4px 4px  
4px 4px #15819C; box-shadow:4px 4px 4px  
4px #15819C }
```

Background

The CSS property to change the background color of an element to Hex 15819C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15819C }
```

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

```
.background{ background-color:#15819C }
```

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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