

Converting Colors

Hex(19839C)

Have a look what the booklet for
Hex(19839C) contains.

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Color

Hex(19839C)

Conversions

Conversions Part 1

Format	Color
Hex	19839C
RGB	25, 131, 156
RGB Percent	10%, 51%, 61%
CMY	0.9020, 0.4863, 0.3882
CMYK	0.84, 0.16, 0.00, 0.39
HSL	191°, 72%, 35%
HSV	191°, 84%, 61%
XYZ	14.5180, 18.8396, 34.3237
YIQ	102.1560, -71.2010, -14.6970

Conversions

Conversions Part 2

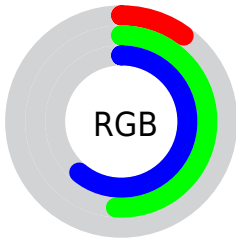
Format	Color
R_{YB}	25, 84, 156
Decimal	1672092
CIE _{Lab}	50.50, -19.36, -21.46
CIE _{LCh}	50, 28.903, 227.951
Yxy	18.8396, 0.2145, 0.2784
Android (android.graphics.Color)	4279862172 (0xFF19839C)
YUV	102.1560, 26.5451, -67.6658
Hunter-Lab	43.4046, -16.2534, -16.5025

Details

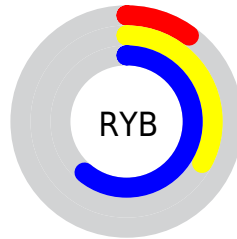
The Hex color **19839C** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **9C3219**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **5FB8D3**, and **005169** is the 20% darker color. If you saturate the color by 10%, you get **09809C**, and if you desaturate by 10%, it is **29869C**.

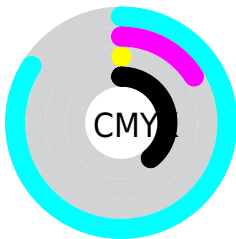
Distribution



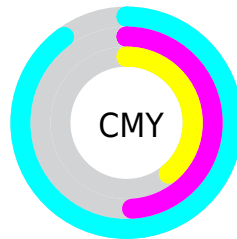
- Red (10%)
- Green (51%)
- Blue (61%)



- Red (10%)
- Yellow (33%)
- Blue (61%)



- Cyan (84%)
- Magenta (16%)
- Yellow (0%)
- Black (39%)



- Cyan (90%)
- Magenta (49%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 19839C 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 19839C by changing the saturation by 10% instead.

 19839C

 19839C

FFFFFF

 006A82

 5FB8D3

 005169

 7CD4EF

 003A50

 99F0FF

 002439

 B6FFFF

 000624

 D4FFFF

 00000C

 F2FFFF

 000000

 19839C

 19839C

 09809C

 29869C

■ 007E9C

■ 38899C

■ 488C9C

■ 578F9C

■ 67929C

■ 77959C

■ 86989C

■ 969B9C

■ A59E9C

Harmonies

Analogous

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



1B8586



19839C



437EA8

Triad

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



19839C



A26683



7A7B49

Complementary

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



19839C



9C3219

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.



917348



19839C



A8666A

Square

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



19839C



8D6D99



A26B55



5E8156

Rectangle

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



19839C



5F78A9



A26B55



827947

Sweetspot

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



19839C



99C2CC



199C31



476066



E6E6E6



666666

Same Dimension

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



19839C



00A5CC



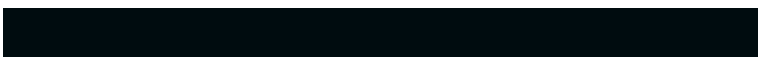
19429C



474E4F



00748F



000C0F

Inverse Universe

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



9C1983



CC00A5



9C7319



4F474E



8F0074



0F000C

Previews

White Background



This preview shows how the Hex color 19839C looks on a white background.

Color Contrast Check

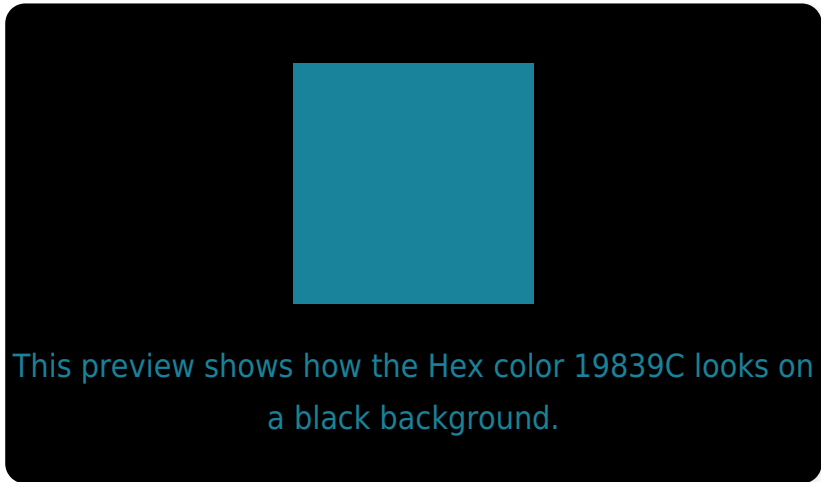
Large Text (above 18pt) WCAG AA ✓ Pass

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

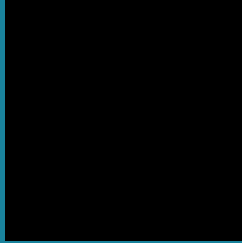
Any Text WCAG AA ✓ Pass

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 19839C Background



This preview shows how black text looks on a background with the Hex color 19839C.



This preview shows how white text looks on a background with the Hex color 19839C.

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



Original Color
19839C

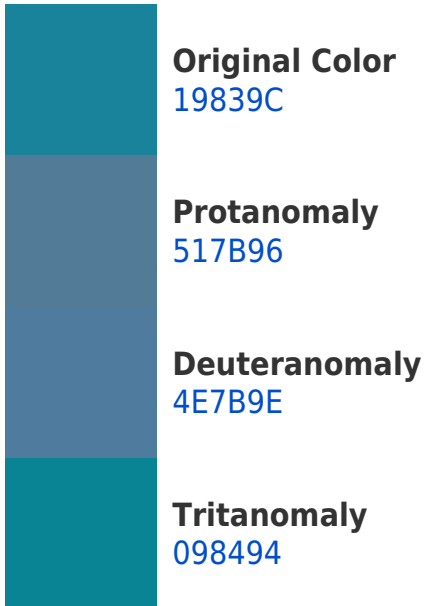
Protanopia
717693

Deuteranopia
6D769F



Tritanopia
008590

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 19839C 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 #19839C looks like.

```
.text, #text, p{  
    color:#19839C  
}
```

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 #19839C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19839C
}
```

Border

The CSS property to change the border of an element to Hex 19839C 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
#19839C }
```

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

```
.border{ border-color:#19839C }
```

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

Here you see how a box with a 4 pixel #19839C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19839C; -webkit-box-shadow:4px 4px  
4px 4px #19839C; box-shadow:4px 4px 4px  
4px #19839C }
```

Background

The CSS property to change the background color of an element to Hex 19839C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19839C }
```

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

```
.background{ background-color:#19839C }
```

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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