

Converting Colors

Hex(15989C)

Have a look what the booklet for
Hex(15989C) contains.

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Color

Hex(15989C)

Conversions

Conversions Part 1

Format	Color
Hex	15989C
RGB	21, 152, 156
RGB Percent	8%, 60%, 61%
CMY	0.9176, 0.4039, 0.3882
CMYK	0.87, 0.03, 0.00, 0.39
HSL	182°, 76%, 35%
HSV	182°, 87%, 61%
XYZ	17.5382, 25.0162, 35.3567
YIQ	113.2870, -79.3600, -26.5280

Conversions

Conversions Part 2

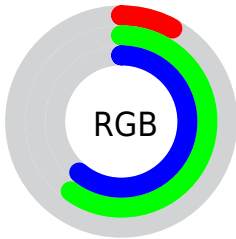
Format	Color
R _Y B	21, 87, 156
Decimal	1415324
CIE Lab	57.09, -30.39, -11.45
CIE LCh	57, 32.478, 200.640
Yxy	25.0162, 0.2251, 0.3211
Android (android.graphics.Color)	4279605404 (0xFF15989C)
YUV	113.2870, 21.0575, -80.9357
Hunter-Lab	50.0162, -24.9371, -6.9011

Details

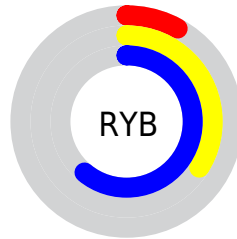
The Hex color **15989C** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9C1915**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **60CFD2**, and **006469** is the 20% darker color. If you saturate the color by 10%, you get **05989C**, and if you desaturate by 10%, it is **25989C**.

Distribution



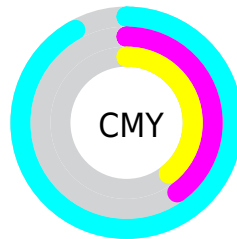
- Red (8%)
- Green (60%)
- Blue (61%)



- Red (8%)
- Yellow (34%)
- Blue (61%)



- Cyan (87%)
- Magenta (3%)
- Yellow (0%)
- Black (39%)



- Cyan (92%)
- Magenta (40%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15989C 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 15989C by changing the saturation by 10% instead.

 15989C

 15989C

FFFFFF

 007E82

 60CFD2

 006469

 7EEBEF

 004C51


 9CFFFF

 00343A

 B9FFFF

 002124

 D7FFFF

 00010F

 F5FFFF

 000000

 15989C

 15989C

 05989C

 25989C

■ 00979C

■ 34999C

■ 44999C

■ 539A9C

■ 639A9C

■ 739B9C

■ 829B9C

■ 929C9C

■ A19C9C

Harmonies

Analogous

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



42987F



15989C



1A95B4

Triad

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



15989C



A47BAD



A48451

Complementary

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



15989C



9C1915

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.



B87B5E



15989C



BA7493

Square

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



15989C



7F85BE



C07476



888D53

Rectangle

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



15989C



3E91BE



C07476



AB8154

Sweetspot

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



15989C



97CACC



159C17



466566



E6E6E6



666666

Same Dimension

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



15989C



00C6CC



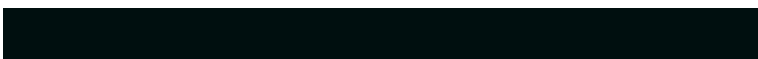
15569C



474F4F



008B8F



000F0F

Inverse Universe

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



9C1598



CC00C6



9C5B15



4F474F



8F008B



0F000F

Previews

White Background



This preview shows how the Hex color 15989C looks on a white background.

Color Contrast Check

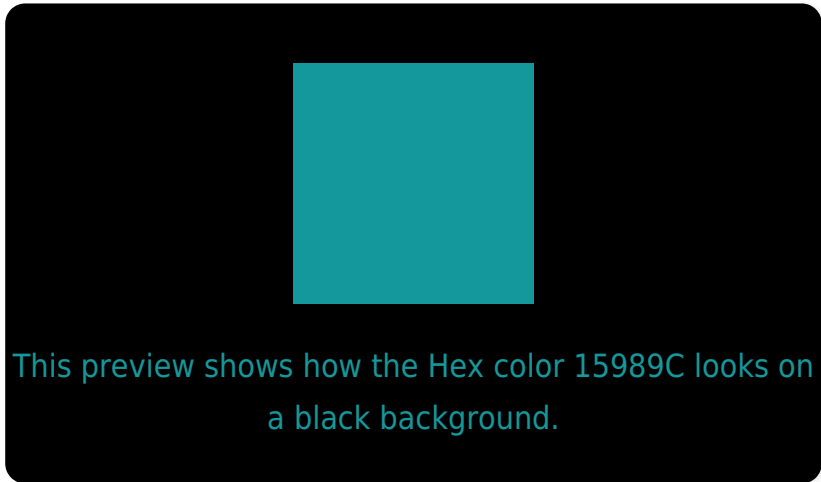
Large Text (above 18pt) WCAG AA ✓ Pass

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

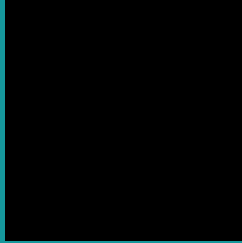
Any Text WCAG AA ✓ Pass

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 15989C Background



This preview shows how black text looks on a background with the Hex color 15989C.

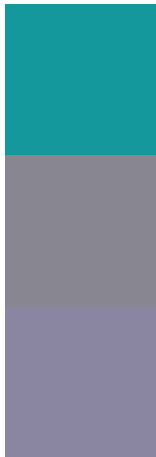


This preview shows how white text looks on a background with the Hex color 15989C.

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
15989C

Protanopia
888791

Deuteranopia
8A85A0



Tritanopia
1E97A3

Trichromacy



Original Color
15989C



Protanomaly
5E8D95



Deuteranomaly
5F8C9F



Tritanomaly
1B97A0

Monochromacy



Original Color
15989C



Achromatopsia
717171



Achromatomaly
507F81

CSS Examples

Text

The CSS property to change the color of the text to Hex 15989C 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 #15989C looks like.

```
.text, #text, p{  
    color:#15989C  
}
```

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 #15989C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15989C
}
```

Border

The CSS property to change the border of an element to Hex 15989C 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
#15989C }
```

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

```
.border{ border-color:#15989C }
```

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

Here you see how a box with a 4 pixel #15989C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15989C; -webkit-box-shadow:4px 4px  
4px 4px #15989C; box-shadow:4px 4px 4px  
4px #15989C }
```

Background

The CSS property to change the background color of an element to Hex 15989C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15989C }
```

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

```
.background{ background-color:#15989C }
```

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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