

Converting Colors

Hex(15839D)

Have a look what the booklet for
Hex(15839D) contains.

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Color

Hex(15839D)

Conversions

Conversions Part 1

Format	Color
Hex	15839D
RGB	21, 131, 157
RGB Percent	8%, 51%, 62%
CMY	0.9176, 0.4863, 0.3843
CMYK	0.87, 0.17, 0.00, 0.38
HSL	191°, 76%, 35%
HSV	191°, 87%, 62%
XYZ	14.5114, 18.8263, 34.7673
YIQ	101.0740, -73.9060, -15.2340

Conversions

Conversions Part 2

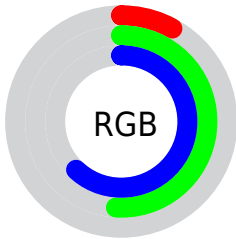
Format	Color
R_{YB}	21, 82, 157
Decimal	1409949
CIE _{Lab}	50.48, -19.33, -22.07
CIE _{LCh}	50, 29.341, 228.788
Yxy	18.8263, 0.2131, 0.2764
Android (android.graphics.Color)	4279600029 (0xFF15839D)
YUV	101.0740, 27.5715, -70.2249
Hunter-Lab	43.3893, -16.2329, -17.1358

Details

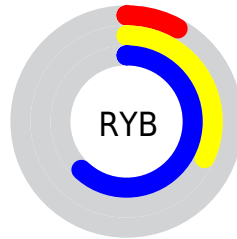
The Hex color **15839D** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **9D2F15**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **5DB8D4**, and **00516A** is the 20% darker color. If you saturate the color by 10%, you get **05809D**, and if you desaturate by 10%, it is **25869D**.

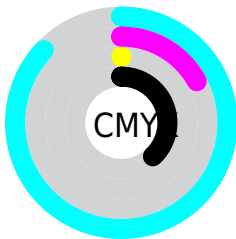
Distribution



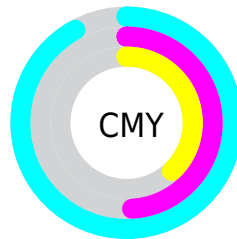
- Red (8%)
- Green (51%)
- Blue (62%)



- Red (8%)
- Yellow (32%)
- Blue (62%)



- Cyan (87%)
- Magenta (17%)
- Yellow (0%)
- Black (38%)



- Cyan (92%)
- Magenta (49%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15839D 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 15839D by changing the saturation by 10% instead.

 15839D

 15839D

FFFFFF

 006A83

 5DB8D4

 00516A

 7BD4F0

 003A51

 98F0FF

 00243A

 B5FFFF

 000625

 D3FFFF

 00010D

 F1FFFF

 000000

 15839D

 15839D

 05809D

 25869D

007F9D

34899D

448C9D

548F9D

64929D

73959D

83989D

939B9D

A29E9D

Harmonies

Analogous

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



168587



15839D



437DA9

Triad

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



15839D



A36683



797C48

Complementary

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



15839D



9D2F15

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.



917347



15839D



A96569

Square

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



15839D



8E6C99



A26B54



5C8256

Rectangle

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



15839D



6078A9



A26B54



817946

Sweetspot

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



15839D



97C2CC



159D2E



466066



E6E6E6



666666

Same Dimension

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



15839D



00A5CC



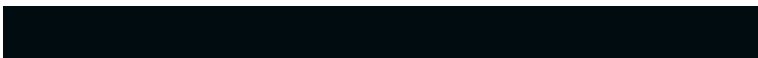
15409D



474E4F



00738F



000C0F

Inverse Universe

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



9D1583



CC00A5



9D7215



4F474E



8F0073



0F000C

Previews

White Background



This preview shows how the Hex color 15839D looks on a white background.

Color Contrast Check

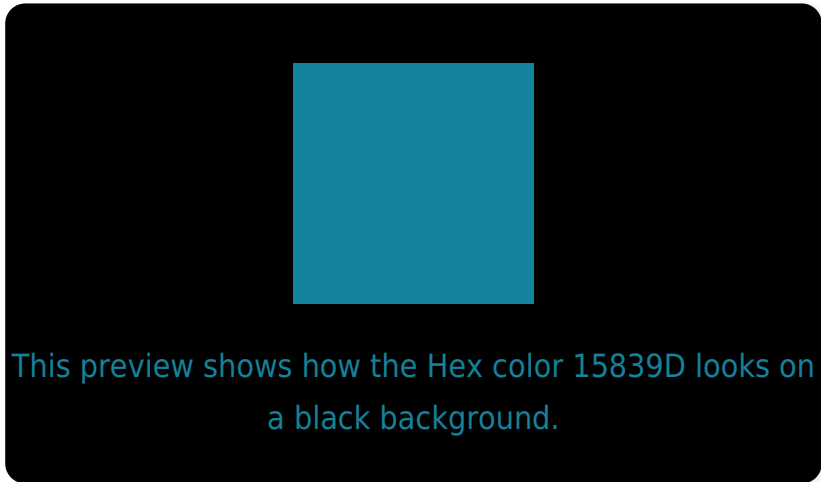
Large Text (above 18pt) WCAG AA ✓ Pass

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

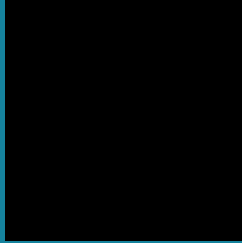
Any Text WCAG AA ✓ Pass

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 15839D Background



This preview shows how black text looks on a background with the Hex color 15839D.

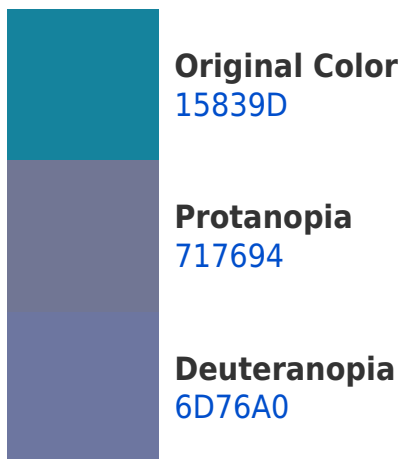


This preview shows how white text looks on a background with the Hex color 15839D.

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](#).

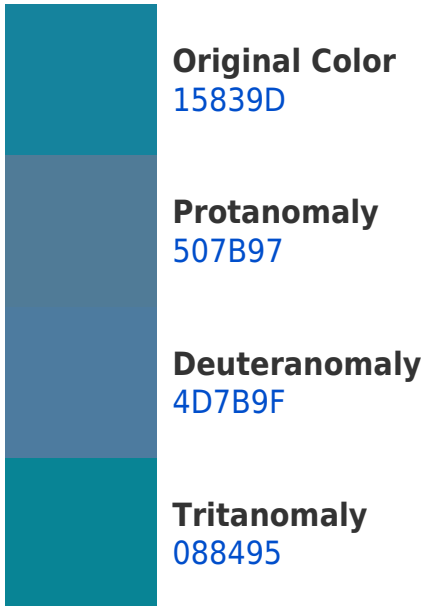
Dichromacy





Tritanopia
008590

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 15839D 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 #15839D looks like.

```
.text, #text, p{  
    color:#15839D  
}
```

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 #15839D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15839D
}
```

Border

The CSS property to change the border of an element to Hex 15839D 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
#15839D }
```

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

```
.border{ border-color:#15839D }
```

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

Here you see how a box with a 4 pixel #15839D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15839D; -webkit-box-shadow:4px 4px  
4px 4px #15839D; box-shadow:4px 4px 4px  
4px #15839D }
```

Background

The CSS property to change the background color of an element to Hex 15839D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15839D }
```

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

```
.background{ background-color:#15839D }
```

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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