

Converting Colors

Hex(01939B)

Have a look what the booklet for
Hex(01939B) contains.

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Color

Hex(01939B)

Conversions

Conversions Part 1

Format	Color
Hex	01939B
RGB	1, 147, 155
RGB Percent	0%, 58%, 61%
CMY	0.9961, 0.4235, 0.3922
CMYK	0.99, 0.05, 0.00, 0.39
HSL	183°, 99%, 31%
HSV	183°, 99%, 61%
XYZ	16.3626, 23.2404, 34.6338
YIQ	104.2580, -89.5840, -28.4640

Conversions

Conversions Part 2

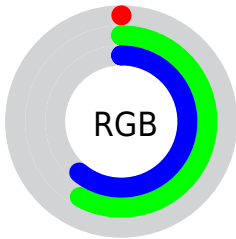
Format	Color
RYB	1, 76, 155
Decimal	103323
CIELab	55.32, -29.26, -13.56
CIELCh	55, 32.252, 204.863
Yxy	23.2404, 0.2204, 0.3131
Android (android.graphics.Color)	4278293403 (0xFF01939B)
YUV	104.2580, 25.0158, -90.5573
Hunter-Lab	48.2083, -23.7791, -8.8492

Details

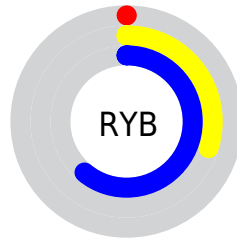
The Hex color **01939B** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9B0901**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **5AC9D1**, and **006068** is the 20% darker color. If you saturate the color by 10%, you get **00939B**, and if you desaturate by 10%, it is **10949B**.

Distribution



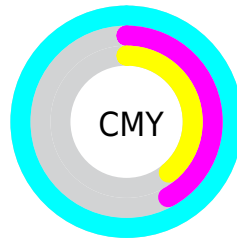
- Red (0%)
- Green (58%)
- Blue (61%)



- Red (0%)
- Yellow (30%)
- Blue (61%)



- Cyan (99%)
- Magenta (5%)
- Yellow (0%)
- Black (39%)




- Cyan (100%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 01939B 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 01939B by changing the saturation by 10% instead.

 01939B

 01939B

FFFFFF

 007981

 5AC9D1

 006068

 79E6EE

 004850

 96FFFF

 003039

 B4FFFF

 001C23


 D2FFFF

 00010D

 F0FFFF

 000000

 01939B

 01939B

 00939B

 10949B

 20959B

 2F959B

 3F969B

 4E979B

 5E989B

 6E999B

 7D999B

 8C9A9B

Harmonies

Analogous

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



38937F



01939B



1A90B1

Triad

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



01939B



A375A5



9B814C

Complementary

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



01939B



9B0901

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.



B07758



01939B



B76F8A

Square

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



01939B



817FB7



BB706E



7F8A51

Rectangle

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



01939B



418BBA



BB706E



A37E4F

Sweetspot

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



01939B



8DC6C9



019B09



416466



E6E6E6



666666

Same Dimension

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



01939B



00BFC9



01469B



454C4D



00858C



000C0D

Inverse Universe

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



9B0193



C900BF



9B5601



4D454C



8C0085



0D000C

Previews

White Background



This preview shows how the Hex color 01939B looks on a white background.

Color Contrast Check

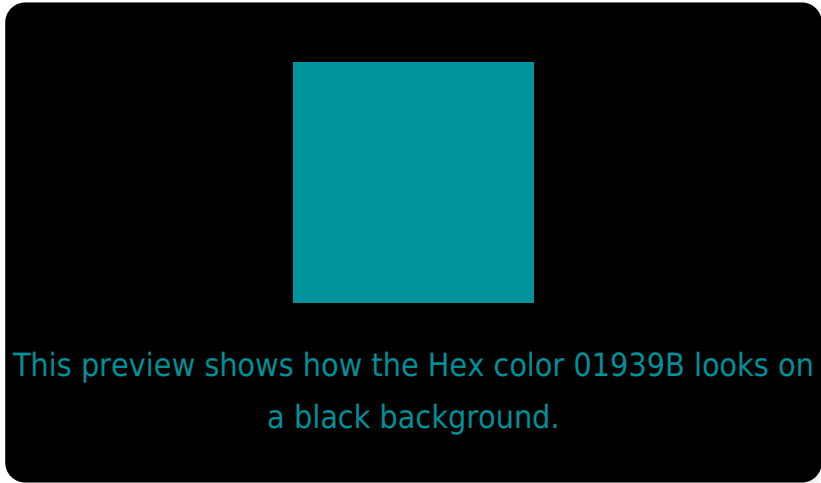
Large Text (above 18pt) WCAG AA ✓ Pass

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

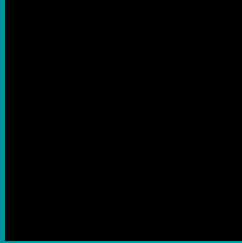
Any Text WCAG AA ✓ Pass

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 01939B Background



This preview shows how black text looks on a background with the Hex color 01939B.

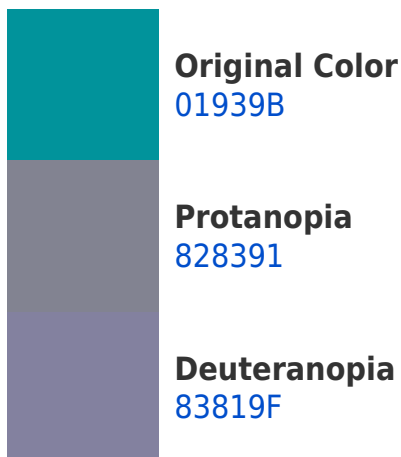


This preview shows how white text looks on a background with the Hex color 01939B.

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



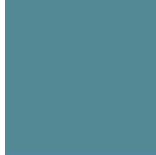


Tritanopia
10929E

Trichromacy



Original Color
01939B



Protanomaly
538995



Deuteranomaly
54889E



Tritanomaly
0B929D

Monochromacy



Original Color
01939B



Achromatopsia
686868



Achromatomaly
43787B

CSS Examples

Text

The CSS property to change the color of the text to Hex 01939B 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 #01939B looks like.

```
.text, #text, p{  
    color:#01939B  
}
```

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 #01939B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01939B
}
```

Border

The CSS property to change the border of an element to Hex 01939B 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
#01939B }
```

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

```
.border{ border-color:#01939B }
```

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

Here you see how a box with a 4 pixel #01939B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01939B; -webkit-box-shadow:4px 4px  
4px 4px #01939B; box-shadow:4px 4px 4px  
4px #01939B }
```

Background

The CSS property to change the background color of an element to Hex 01939B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01939B }
```

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

```
.background{ background-color:#01939B }
```

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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