

Converting Colors

Hex(03869C)

Have a look what the booklet for
Hex(03869C) contains.

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Color

Hex(03869C)

Conversions

Conversions Part 1

Format	Color
Hex	03869C
RGB	3, 134, 156
RGB Percent	1%, 53%, 61%
CMY	0.9882, 0.4745, 0.3882
CMYK	0.98, 0.14, 0.00, 0.39
HSL	189°, 96%, 31%
HSV	189°, 98%, 61%
XYZ	14.5634, 19.4699, 34.4430
YIQ	97.3390, -85.1380, -20.9300

Conversions

Conversions Part 2

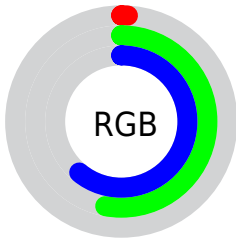
Format	Color
RYB	3, 74, 156
Decimal	231068
CIELab	51.23, -22.24, -20.36
CIELCh	51, 30.150, 222.465
Yxy	19.4699, 0.2127, 0.2843
Android (android.graphics.Color)	4278421148 (0xFF03869C)
YUV	97.3390, 28.9199, -82.7353
Hunter-Lab	44.1247, -18.3040, -15.3935

Details

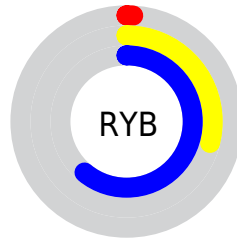
The Hex color **03869C** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9C1903**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **59BBD3**, and **005469** is the 20% darker color. If you saturate the color by 10%, you get **00869C**, and if you desaturate by 10%, it is **13889C**.

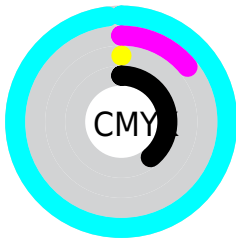
Distribution



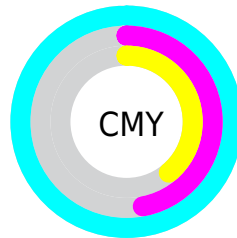
- Red (1%)
- Green (53%)
- Blue (61%)



- Red (1%)
- Yellow (29%)
- Blue (61%)



- Cyan (98%)
- Magenta (14%)
- Yellow (0%)
- Black (39%)



- Cyan (99%)
- Magenta (47%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 03869C 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 03869C by changing the saturation by 10% instead.

 03869C

 03869C

FFFFFF

 006D82

 59BBD3

 005469

 77D7EF

 003D51

 94F4FF

 002639

 B2FFFF

 000B24

 CFFFFFFF

 00010D

 EDFFFF

 000000

 03869C

 03869C

 00869C

 13889C

■ 228A9C

■ 328D9C

■ 418F9C

■ 51919C

■ 61939C

■ 70969C

■ 80989C

■ 8F9A9C

Harmonies

Analogous

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



1B8884



03869C



3981AB

Triad

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



03869C



A3688A



807C47

Complementary

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



03869C



9C1903

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.



987349



03869C



AC6670

Square

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



03869C



8B6FA0



A86B58



648353

Rectangle

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



03869C



587CAD



A86B58



897946

Sweetspot

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



03869C



91C3CC



039C17



426166



E6E6E6



666666

Same Dimension

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



03869C



00AFCC



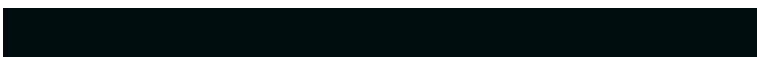
033B9C



474E4F



007A8F



000D0F

Inverse Universe

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



9C0386



CC00AF



9C6403



4F474E



8F007A



0F000D

Previews

White Background



This preview shows how the Hex color 03869C looks on a white background.

Color Contrast Check

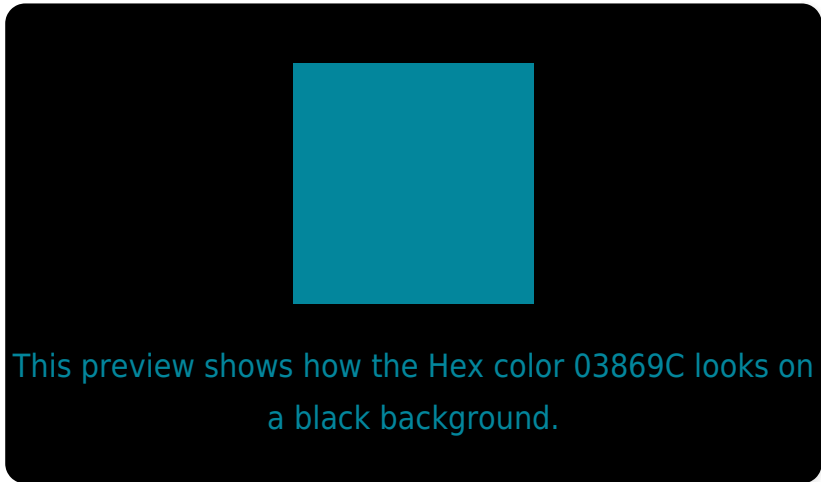
Large Text (above 18pt) WCAG AA ✓ Pass

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

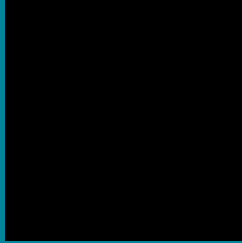
Any Text WCAG AA ✓ Pass

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 03869C Background



This preview shows how black text looks on a background with the Hex color 03869C.

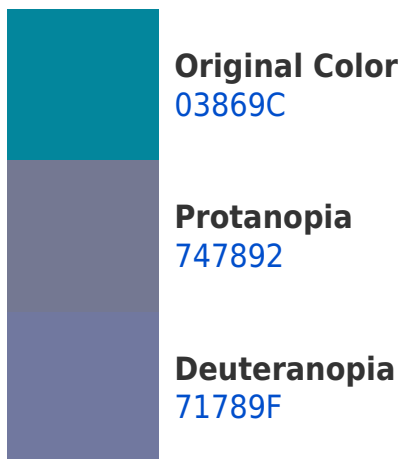


This preview shows how white text looks on a background with the Hex color 03869C.

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
008792

Trichromacy



Original Color
03869C



Protanomaly
4B7D96



Deuteranomaly
497D9E



Tritanomaly
018796

Monochromacy



Original Color
03869C



Achromatopsia
616161



Achromatomaly
3F6E76

CSS Examples

Text

The CSS property to change the color of the text to Hex 03869C 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 #03869C looks like.

```
.text, #text, p{  
    color:#03869C  
}
```

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 #03869C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03869C
}
```

Border

The CSS property to change the border of an element to Hex 03869C 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
#03869C }
```

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

```
.border{ border-color:#03869C }
```

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

Here you see how a box with a 4 pixel #03869C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03869C; -webkit-box-shadow:4px 4px  
4px 4px #03869C; box-shadow:4px 4px 4px  
4px #03869C }
```

Background

The CSS property to change the background color of an element to Hex 03869C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03869C }
```

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

```
.background{ background-color:#03869C }
```

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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