

Converting Colors

Hex(068D9E)

Have a look what the booklet for
Hex(068D9E) contains.

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Color

Hex(068D9E)

Conversions

Conversions Part 1

Format	Color
Hex	068D9E
RGB	6, 141, 158
RGB Percent	2%, 55%, 62%
CMY	0.9765, 0.4471, 0.3804
CMYK	0.96, 0.11, 0.00, 0.38
HSL	187°, 93%, 32%
HSV	187°, 96%, 62%
XYZ	15.7715, 21.5571, 35.6774
YIQ	102.5730, -85.9170, -23.3330

Conversions

Conversions Part 2

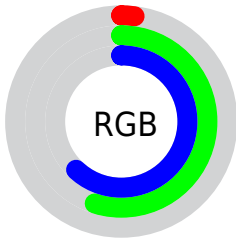
Format	Color
RYB	6, 77, 158
Decimal	429470
CIELab	53.55, -25.04, -17.96
CIELCh	54, 30.819, 215.648
Yxy	21.5571, 0.2160, 0.2953
Android (android.graphics.Color)	4278619550 (0xFF068D9E)
YUV	102.5730, 27.3255, -84.6945
Hunter-Lab	46.4296, -20.6177, -13.0589

Details

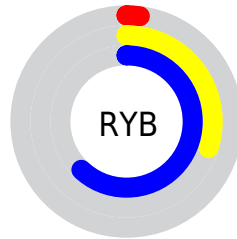
The Hex color **068D9E** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9E1706**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **5BC3D5**, and **005A6B** is the 20% darker color. If you saturate the color by 10%, you get **008C9E**, and if you desaturate by 10%, it is **168F9E**.

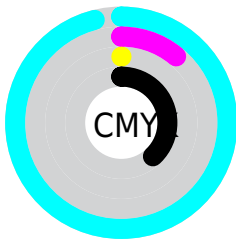
Distribution



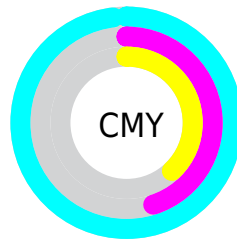
- Red (2%)
- Green (55%)
- Blue (62%)



- Red (2%)
- Yellow (30%)
- Blue (62%)



- Cyan (96%)
- Magenta (11%)
- Yellow (0%)
- Black (38%)



- Cyan (98%)
- Magenta (45%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 068D9E 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 068D9E by changing the saturation by 10% instead.

068D9E

068D9E

FFFFFF

007384

5BC3D5

005A6B

79DFF1

004352

97FCFF

002C3B

B4FFFF

001626

D2FFFF

000110

F0FFFF

000000

068D9E

068D9E

008C9E

168F9E

■ 26919E

■ 35929E

■ 45949E

■ 55969E

■ 65989E

■ 75999E

■ 849B9E

■ 949D9E

Harmonies

Analogous

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



2A8E84



068D9E



3289B0

Triad

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



068D9E



A66F96



8D804A

Complementary

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



068D9E



9E1706

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.



A37750



068D9E



B36B7C

Square

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



068D9E



8A77AB



B16F62



708854

Rectangle

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



068D9E



5284B4



B16F62



957D4B

Sweetspot

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



068D9E



93C8CF



069E15



446469



E8E8E8



696969

Same Dimension

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



068D9E



00B7CF



06439E



474E4F



007F8F



000E0F

Inverse Universe

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



9E068D



CF00B7



9E6106



4F474E



8F007F



0F000E

Previews

White Background



This preview shows how the Hex color 068D9E looks on a white background.

Color Contrast Check

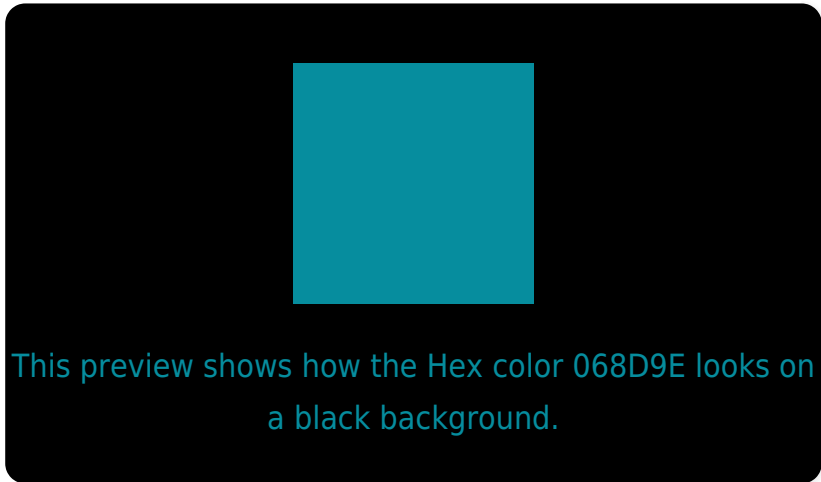
Large Text (above 18pt) WCAG AA ✓ Pass

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

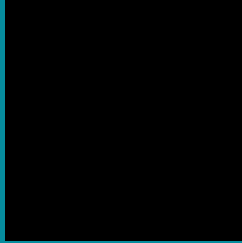
Any Text WCAG AA ✓ Pass

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 068D9E Background



This preview shows how black text looks on a background with the Hex color 068D9E.

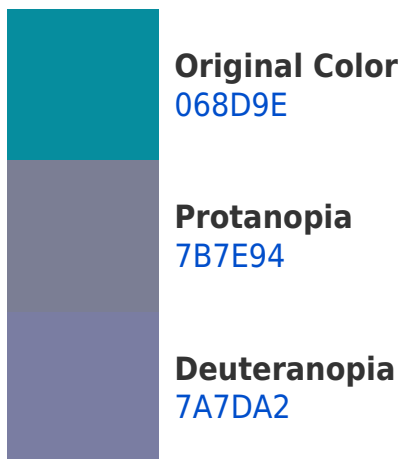


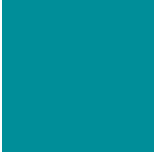
This preview shows how white text looks on a background with the Hex color 068D9E.

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
008E99

Trichromacy



Original Color
068D9E



Protanomaly
508398



Deuteranomaly
5083A1



Tritanomaly
028E9B

Monochromacy



Original Color
068D9E



Achromatopsia
676767



Achromatomaly
44757B

CSS Examples

Text

The CSS property to change the color of the text to Hex 068D9E 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 #068D9E looks like.

```
.text, #text, p{  
    color:#068D9E  
}
```

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 #068D9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #068D9E
}
```

Border

The CSS property to change the border of an element to Hex 068D9E 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
#068D9E }
```

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

```
.border{ border-color:#068D9E }
```

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

Here you see how a box with a 4 pixel #068D9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #068D9E; -webkit-box-shadow:4px 4px  
4px 4px #068D9E; box-shadow:4px 4px 4px  
4px #068D9E }
```

Background

The CSS property to change the background color of an element to Hex 068D9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#068D9E }
```

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

```
.background{ background-color:#068D9E }
```

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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