

# Converting Colors

Hex(069A9C)

Have a look what the booklet for  
Hex(069A9C) contains.

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# Color

Hex(069A9C)

# Conversions

## Conversions Part 1

Format	Color
Hex	069A9C
RGB	6, 154, 156
RGB Percent	2%, 60%, 61%
CMY	0.9765, 0.3961, 0.3882
CMYK	0.96, 0.01, 0.00, 0.39
HSL	181°, 93%, 32%
HSV	181°, 96%, 61%
XYZ	17.6315, 25.5502, 35.4549
YIQ	109.9760, -88.8500, -30.7540

# Conversions

## Conversions Part 2

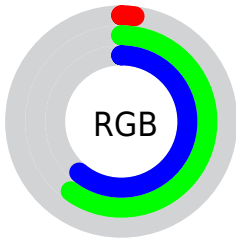
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 80, 156
Decimal	432796
CIELab	57.61, -32.12, -10.69
CIELCh	58, 33.846, 198.403
Yxy	25.5502, 0.2242, 0.3249
Android (android.graphics.Color)	4278622876 (0xFF069A9C)
YUV	109.9760, 22.6898, -91.1870
Hunter-Lab	50.5472, -26.1948, -6.2042

# Details

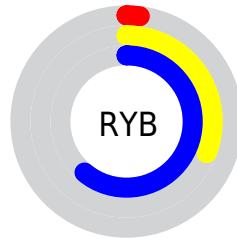
The Hex color **069A9C** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9C0806**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **5DD1D2**, and **006669** is the 20% darker color. If you saturate the color by 10%, you get **009A9C**, and if you desaturate by 10%, it is **169A9C**.

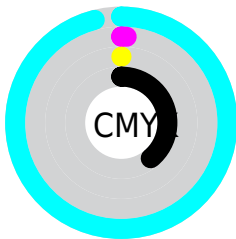
# Distribution



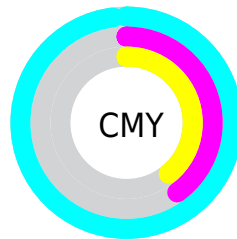
- Red (2%)
- Green (60%)
- Blue (61%)



- Red (2%)
- Yellow (31%)
- Blue (61%)



- Cyan (96%)
- Magenta (1%)
- Yellow (0%)
- Black (39%)



- Cyan (98%)
- Magenta (40%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 069A9C 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 069A9C by changing the saturation by 10% instead.



069A9C

069A9C

FFFFFF

008082

5DD1D2

006669

7BEDEF

004E51

99FFFF

00363A

B7FFFF

002324

D5FFFF

00010F

F3FFFF

000000

069A9C

069A9C

009A9C

169A9C

 259A9C

 359B9C

 449B9C

 549B9C

 649B9C

 739B9C

 839C9C

 929C9C

# Harmonies

## Analogous

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



42997D



069A9C



0097B6

# Triad

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



069A9C



A47CB2



A88550

# Complementary

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



069A9C



9C0806

# 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.



BC7A5F



069A9C



BC7497

# Square

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



069A9C



7D87C2



C47479



8B8E51

# Rectangle

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



069A9C



3593C1



C47479



B08154



# Sweetspot

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



069A9C



91CBCC



069C06



426666



E6E6E6



666666



# Same Dimension

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



069A9C



00C9CC



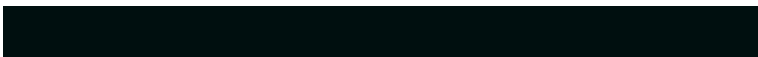
06519C



474F4F



008D8F



000F0F



# Inverse Universe

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



9C069A



CC00C9



9C5106



4F474F



8F008D



0F000F



# Previews

## White Background



This preview shows how the Hex color 069A9C looks on a white background.

## Color Contrast Check

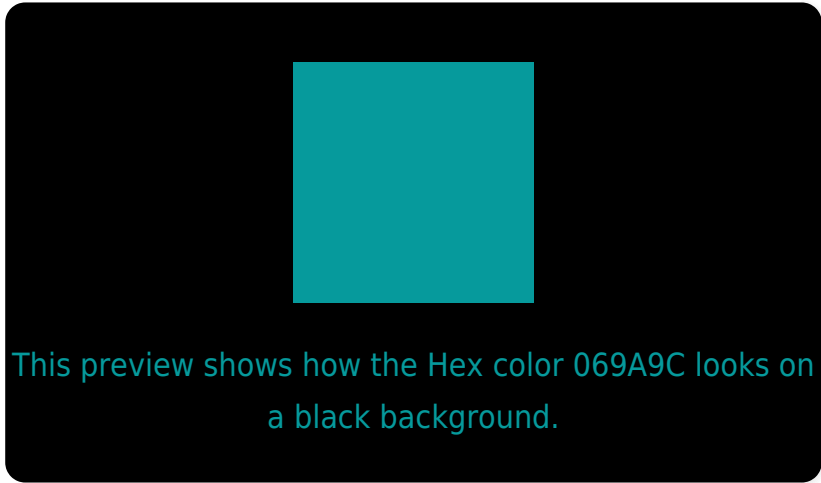
Large Text (above 18pt) WCAG AA ✓ Pass

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

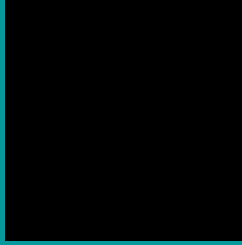
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 069A9C Background



This preview shows how black text looks on a background with the Hex color 069A9C.

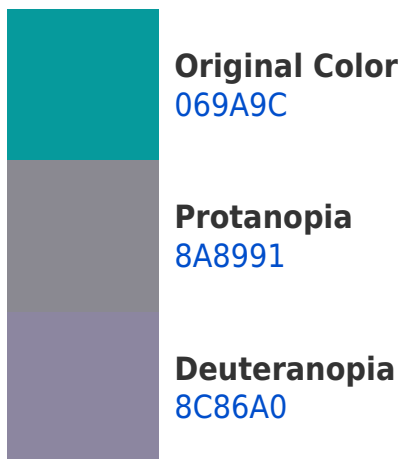


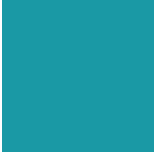
This preview shows how white text looks on a background with the Hex color 069A9C.

# 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



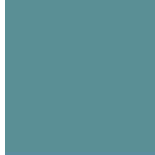


**Tritanopia**  
1A99A5

# Trichromacy



**Original Color**  
069A9C



**Protanomaly**  
5A8F95



**Deuteranomaly**  
5B8D9F



**Tritanomaly**  
1399A2

# Monochromacy



**Original Color**  
069A9C



**Achromatopsia**  
6E6E6E



**Achromatomaly**  
487E7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 069A9C 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 #069A9C looks like.

```
.text, #text, p{  
    color:#069A9C  
}
```

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 #069A9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #069A9C
}
```

## Border

The CSS property to change the border of an element to Hex 069A9C 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
#069A9C }
```

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

```
.border{ border-color:#069A9C }
```

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

Here you see how a box with a 4 pixel #069A9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #069A9C; -webkit-box-shadow:4px 4px  
4px 4px #069A9C; box-shadow:4px 4px 4px  
4px #069A9C }
```

# Background

The CSS property to change the background color of an element to Hex 069A9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#069A9C }
```

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

```
.background{ background-color:#069A9C }
```

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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