

# Converting Colors

Hex(069298)

Have a look what the booklet for  
Hex(069298) contains.

<b>Hex(069298)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(069298)

# Conversions

## Conversions Part 1

Format	Color
Hex	069298
RGB	6, 146, 152
RGB Percent	2%, 57%, 60%
CMY	0.9765, 0.4275, 0.4039
CMYK	0.96, 0.04, 0.00, 0.40
HSL	182°, 92%, 31%
HSV	182°, 96%, 60%
XYZ	16.0215, 22.8635, 33.2744
YIQ	104.8240, -85.3660, -27.8140

# Conversions

## Conversions Part 2

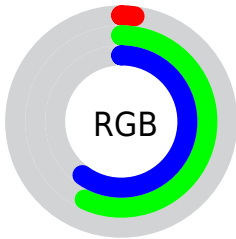
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">6, 77, 152</a>
Decimal	<a href="#">430744</a>
CIELab	<a href="#">54.93, -29.54, -12.42</a>
CIELCh	<a href="#">55, 32.043, 202.803</a>
Yxy	<a href="#">22.8635, 0.2220, 0.3168</a>
Android (android.graphics.Color)	<a href="#">4278620824</a> (0xFF069298)
YUV	<a href="#">104.8240, 23.2578, -86.6686</a>
Hunter-Lab	<a href="#">47.8158, -23.8682, -7.7882</a>

# Details

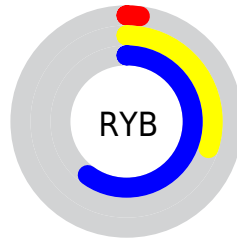
The Hex color **069298** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **980C06**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **5BC8CE**, and **005F65** is the 20% darker color. If you saturate the color by 10%, you get **009298**, and if you desaturate by 10%, it is **159398**.

# Distribution



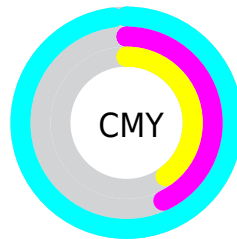
- Red (2%)
- Green (57%)
- Blue (60%)



- Red (2%)
- Yellow (30%)
- Blue (60%)



- Cyan (96%)
- Magenta (4%)
- Yellow (0%)
- Black (40%)



- Cyan (98%)
- Magenta (43%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 069298 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 069298 by changing the saturation by 10% instead.



 069298

 069298

FFFFFF

 00787E

 5BC8CE

 005F65

 79E5EA

 00474D

 96FFFF

 002F36

 B4FFFF

 001B21

 D2FFFF

 000009

 F0FFFF

 000000

 069298

 069298

 009298

 159398

■ 249398

■ 349498

■ 439498

■ 529598

■ 619698

■ 709698

■ 809798

■ 8F9898

# Harmonies

## Analogous

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



3A927C



069298



168FAF

# Triad

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



069298



A075A5



9C804C

# Complementary

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



069298



980C06

# 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.



B07658



069298



B56E8B

# Square

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



069298



7D7FB6



B96F6F



80884F

# Rectangle

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



069298



3D8BB8



B96F6F



A37C4F



# Sweetspot

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



069298



8BC2C4



06980B



416263



E3E3E3



636363



# Same Dimension

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



069298



00BCC4



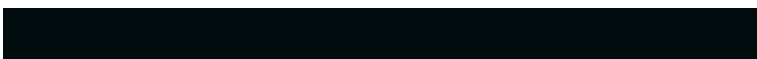
064A98



454C4D



00868C



000C0D



# Inverse Universe

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



980692



C400BC



985406



4D454C



8C0086



0D000C



# Previews

## White Background



This preview shows how the Hex color 069298 looks on a white background.

## Color Contrast Check

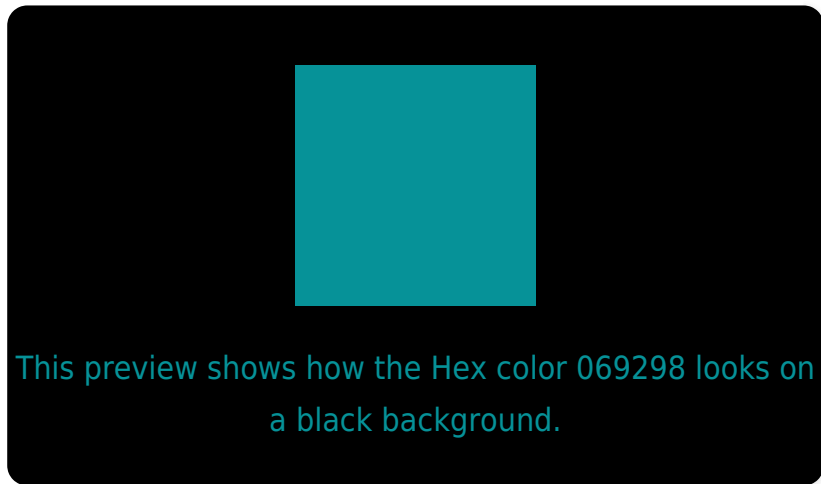
Large Text (above 18pt) WCAG AA ✓ Pass

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

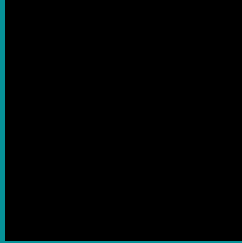
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 069298 Background



This preview shows how black text looks on a background with the Hex color 069298.

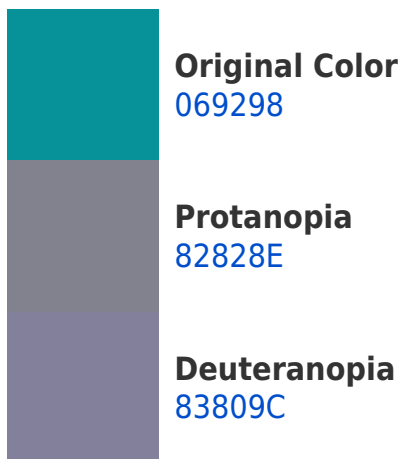


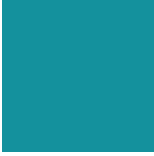
This preview shows how white text looks on a background with the Hex color 069298.

# 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**  
14919D

# Trichromacy



**Original Color**  
069298



**Protanomaly**  
558892



**Deuteranomaly**  
56879B



**Tritanomaly**  
0F919B

# Monochromacy



**Original Color**  
069298



**Achromatopsia**  
696969



**Achromatomaly**  
45787A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 069298 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 #069298 looks like.

```
.text, #text, p{  
    color:#069298  
}
```

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 #069298 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #069298
}
```

## Border

The CSS property to change the border of an element to Hex 069298 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
#069298 }
```

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

```
.border{ border-color:#069298 }
```

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

Here you see how a box with a 4 pixel #069298 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #069298; -webkit-box-shadow:4px 4px  
4px 4px #069298; box-shadow:4px 4px 4px  
4px #069298 }
```

# Background

The CSS property to change the background color of an element to Hex 069298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#069298 }
```

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

```
.background{ background-color:#069298 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor