

Converting Colors

Hex(0D9E9F)

Have a look what the booklet for
Hex(0D9E9F) contains.

Hex(0D9E9F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0D9E9F)

Conversions

Conversions Part 1

Format	Color
Hex	0D9E9F
RGB	13, 158, 159
RGB Percent	5%, 62%, 62%
CMY	0.9490, 0.3804, 0.3765
CMYK	0.92, 0.01, 0.00, 0.38
HSL	180°, 85%, 34%
HSV	180°, 92%, 62%
XYZ	18.6508, 27.0425, 37.0376
YIQ	114.7590, -86.7410, -30.4290

Conversions

Conversions Part 2

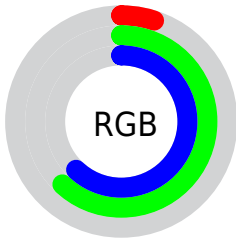
Format	Color
RYB	13, 86, 159
Decimal	892575
CIELab	59.01, -32.78, -10.28
CIELCh	59, 34.357, 197.408
Yxy	27.0425, 0.2254, 0.3269
Android (android.graphics.Color)	4279082655 (0xFF0D9E9F)
YUV	114.7590, 21.8108, -89.2426
Hunter-Lab	52.0024, -26.9845, -5.8264

Details

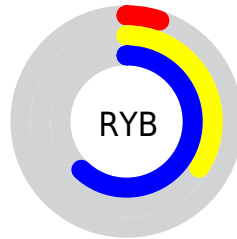
The Hex color **0D9E9F** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9F0E0D**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **5FD5D6**, and **006A6C** is the 20% darker color. If you saturate the color by 10%, you get **009E9F**, and if you desaturate by 10%, it is **1D9E9F**.

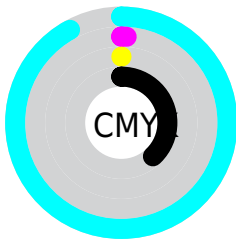
Distribution



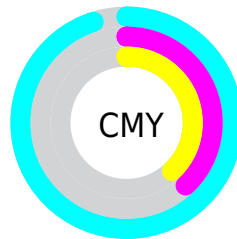
- Red (5%)
- Green (62%)
- Blue (62%)



- Red (5%)
- Yellow (34%)
- Blue (62%)



- Cyan (92%)
- Magenta (1%)
- Yellow (0%)
- Black (38%)



- Cyan (95%)
- Magenta (38%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D9E9F 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 0D9E9F by changing the saturation by 10% instead.



0D9E9F



0D9E9F

FFFFFF



008485



5FD5D6



006A6C



7EF2F2



005153



9CFFFF



00393C



B9FFFF



002527



D7FFFF



000113



F6FFFF



000000



0D9E9F



0D9E9F



009E9F



1D9E9F

 2D9E9F

 3D9E9F

 4D9E9F

 5D9F9F

 6C9F9F

 7C9F9F

 8C9F9F

 9C9F9F

Harmonies

Analogous

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



469D80



0D9E9F



009BBA

Triad

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



0D9E9F



A780B7



AD8853

Complementary

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



0D9E9F



9F0E0D

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.



C17E63



0D9E9F



C1789C

Square

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



0D9E9F



7E8BC7



C9777D



909253

Rectangle

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



0D9E9F



3597C5



C9777D



B58457

Sweetspot

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



0D9E9F



95CECF



0D9F0D



456869



E8E8E8



696969

Same Dimension

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



0D9E9F



00CDCF



0D569F



474F4F



008E8F



000F0F

Inverse Universe

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



9F0D9E



CF00CD



9F560D



4F474F



8F008E



0F000F

Previews

White Background



This preview shows how the Hex color 0D9E9F looks on a white background.

Color Contrast Check

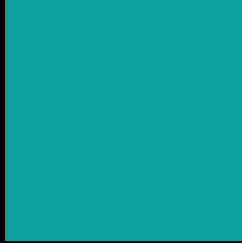
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 0D9E9F looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

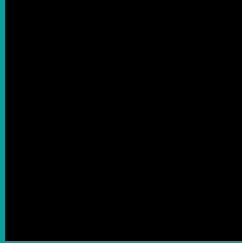
Any Text WCAG AA ✓ Pass

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 0D9E9F Background



This preview shows how black text looks on a background with the Hex color 0D9E9F.

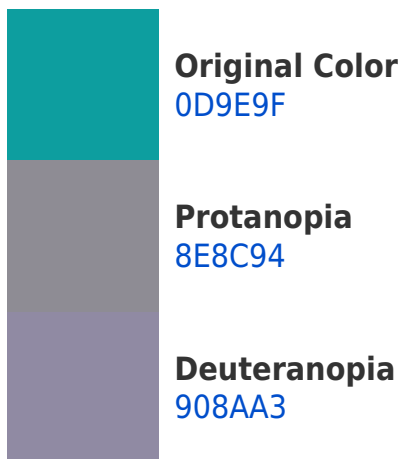


This preview shows how white text looks on a background with the Hex color 0D9E9F.

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
1E9CA9

Trichromacy



Original Color
0D9E9F



Protanomaly
5F9398



Deuteranomaly
6091A2



Tritanomaly
189DA5

Monochromacy



Original Color
0D9E9F



Achromatopsia
737373



Achromatomaly
4E8383

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D9E9F 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 #0D9E9F looks like.

```
.text, #text, p{  
    color:#0D9E9F  
}
```

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 #0D9E9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D9E9F
}
```

Border

The CSS property to change the border of an element to Hex 0D9E9F 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
#0D9E9F }
```

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

```
.border{ border-color:#0D9E9F }
```

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

Here you see how a box with a 4 pixel #0D9E9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D9E9F; -webkit-box-shadow:4px 4px  
4px 4px #0D9E9F; box-shadow:4px 4px 4px  
4px #0D9E9F }
```

Background

The CSS property to change the background color of an element to Hex 0D9E9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D9E9F }
```

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

```
.background{ background-color:#0D9E9F }
```

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