

# Converting Colors

Hex(0D9C9D)

Have a look what the booklet for  
Hex(0D9C9D) contains.

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# Color

Hex(0D9C9D)

# Conversions

## Conversions Part 1

Format	Color
Hex	0D9C9D
RGB	13, 156, 157
RGB Percent	5%, 61%, 62%
CMY	0.9490, 0.3882, 0.3843
CMYK	0.92, 0.01, 0.00, 0.38
HSL	180°, 85%, 33%
HSV	180°, 92%, 62%
XYZ	18.1402, 26.2968, 36.0180
YIQ	113.3570, -85.5490, -30.0050

# Conversions

## Conversions Part 2

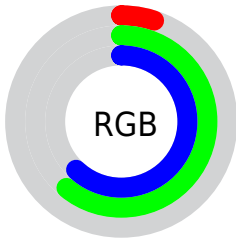
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 85, 157
Decimal	892061
CIELab	58.32, -32.46, -10.19
CIELCh	58, 34.020, 197.421
Yxy	26.2968, 0.2255, 0.3269
Android (android.graphics.Color)	4279082141 (0xFF0D9C9D)
YUV	113.3570, 21.5160, -88.0131
Hunter-Lab	51.2804, -26.5971, -5.7474

# Details

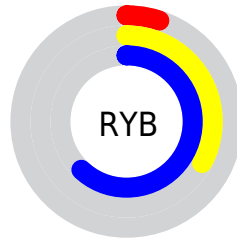
The Hex color **0D9C9D** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9D0E0D**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **5FD3D3**, and **00686A** is the 20% darker color. If you saturate the color by 10%, you get **009C9D**, and if you desaturate by 10%, it is **1D9C9D**.

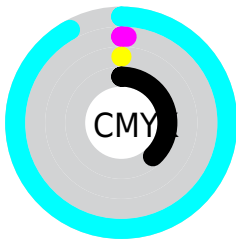
# Distribution



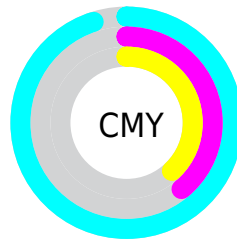
- Red (5%)
- Green (61%)
- Blue (62%)



- Red (5%)
- Yellow (33%)
- Blue (62%)



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



- Cyan (95%)
- Magenta (39%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0D9C9D 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 0D9C9D by changing the saturation by 10% instead.





0D9C9D



0D9C9D

FFFFFF



008283



5FD3D3



00686A



7DF0F0



004F52



9BFFFF



00383B



B9FFFF



002425



D7FFFF



000110



F5FFFF



000000



0D9C9D



0D9C9D



009C9D



1D9C9D

 2C9C9D

 3C9C9D

 4C9C9D

 5C9D9D

 6B9D9D

 7B9D9D

 8B9D9D

 9A9D9D

# Harmonies

## Analogous

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



459B7E



0D9C9D



0099B7

# Triad

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



0D9C9D



A57EB5



AB8652

# Complementary

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



0D9C9D



9D0E0D

# 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.



BF7C62



0D9C9D



BE769A

# Square

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



0D9C9D



7D89C5



C6757C



8E9052

# Rectangle

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



0D9C9D



3595C3



C6757C



B28356



# Sweetspot

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



0D9C9D



93CCCC



0D9D0D



436666



E6E6E6



666666

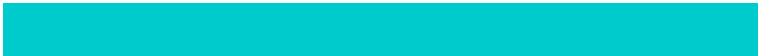


# Same Dimension

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



0D9C9D



00CBCC



0D559D



474F4F



008E8F



000F0F



# Inverse Universe

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



9D0D9C



CC00CB



9D550D



4F474F



8F008E

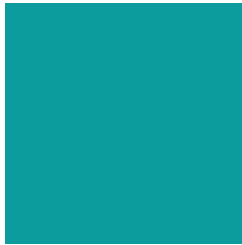


0F000F



# Previews

## White Background



This preview shows how the Hex color 0D9C9D 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 0D9C9D looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

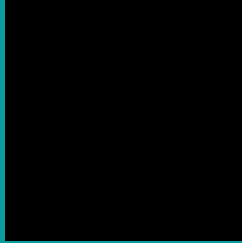
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0D9C9D Background



This preview shows how black text looks on a background with the Hex color 0D9C9D.

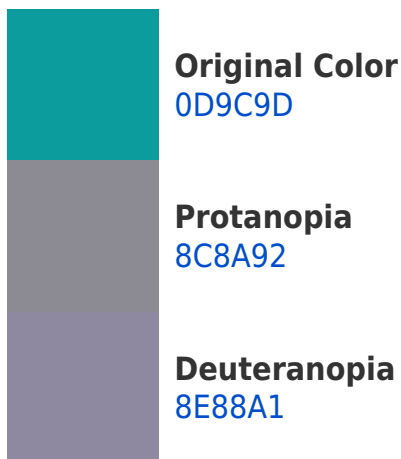


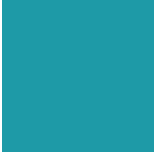
This preview shows how white text looks on a background with the Hex color 0D9C9D.

# 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**  
1E9AA7

# Trichromacy



**Original Color**  
0D9C9D



**Protanomaly**  
5E9196



**Deuteranomaly**  
5F8FA0



**Tritanomaly**  
189BA3

# Monochromacy



**Original Color**  
0D9C9D



**Achromatopsia**  
717171



**Achromatomaly**  
4D8181

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0D9C9D 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 #0D9C9D looks like.

```
.text, #text, p{  
    color:#0D9C9D  
}
```

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 #0D9C9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D9C9D
}
```

## Border

The CSS property to change the border of an element to Hex 0D9C9D 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
#0D9C9D }
```

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

```
.border{ border-color:#0D9C9D }
```

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

Here you see how a box with a 4 pixel #0D9C9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D9C9D; -webkit-box-shadow:4px 4px  
4px 4px #0D9C9D; box-shadow:4px 4px 4px  
4px #0D9C9D }
```

# Background

The CSS property to change the background color of an element to Hex 0D9C9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D9C9D }
```

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

```
.background{ background-color:#0D9C9D }
```

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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