

# Converting Colors

Hex(0D9BBC)

Have a look what the booklet for  
Hex(0D9BBC) contains.

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# Color

Hex(0D9BBC)

# Conversions

## Conversions Part 1

Format	Color
Hex	0D9BBC
RGB	13, 155, 188
RGB Percent	5%, 61%, 74%
CMY	0.9490, 0.3922, 0.2627
CMYK	0.93, 0.18, 0.00, 0.26
HSL	191°, 87%, 39%
HSV	191°, 93%, 74%
XYZ	20.9644, 27.1591, 51.7142
YIQ	116.3040, -95.2250, -19.8410

# Conversions

## Conversions Part 2

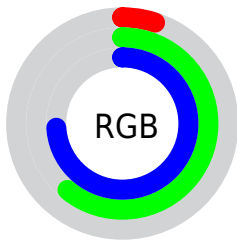
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 91, 188
Decimal	891836
CIELab	59.12, -21.70, -26.52
CIElCh	59, 34.269, 230.715
Yxy	27.1591, 0.2100, 0.2720
Android (android.graphics.Color)	4279081916 (0xFF0D9BBC)
YUV	116.3040, 35.3461, -90.5976
Hunter-Lab	52.1144, -19.3937, -22.3547

# Details

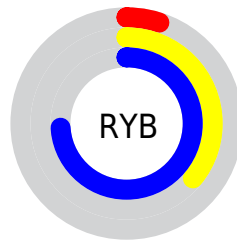
The Hex color **0D9BBC** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **BC2E0D**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **63D2F4**, and **006887** is the 20% darker color. If you saturate the color by 10%, you get **0099BC**, and if you desaturate by 10%, it is **209FBC**.

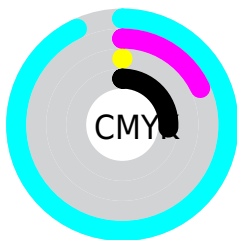
# Distribution



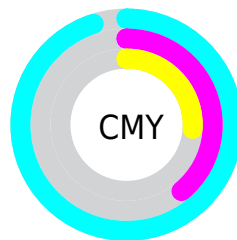
- Red (5%)
- Green (61%)
- Blue (74%)



- Red (5%)
- Yellow (36%)
- Blue (74%)



- Cyan (93%)
- Magenta (18%)
- Yellow (0%)
- Black (26%)



- Cyan (95%)
- Magenta (39%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0D9BBC 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 0D9BBC by changing the saturation by 10% instead.



 0D9BBC

 0D9BBC

FFFFFF

 0081A1

 63D2F4

 006887

 83EEFF

 004F6D

 A1FFFF

 003855

 BFFFFF

 00233D

 DEFFFF

 000328

 FCFFFF

 000111

 000000

 0D9BBC

 0D9BBC

■ 0099BC

■ 209FBC

■ 33A2BC

■ 45A6BC

■ 58A9BC

■ 6BADBC

■ 7EB0BC

■ 91B4BC

■ A3B7BC

■ B6BBBC

# Harmonies

## Analogous

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



059EA3



0D9BBC



5094C9

# Triad

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



0D9BBC



C27899



8D9355

# Complementary

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



0D9BBC



BC2E0D

# 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.



AA8953



0D9BBC



C9787B

# Square

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



0D9BBC



AB7FB5



C07F61



6A9A67

# Rectangle

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



0D9BBC



748EC9



C07F61



979052

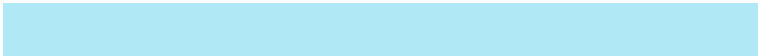


# Sweetspot

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



0D9BBC



B0E8F5



0DBC2D



51737A



FAFAFA



7A7A7A

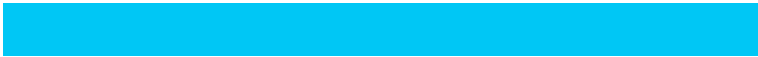


# Same Dimension

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



0D9BBC



00C7F5



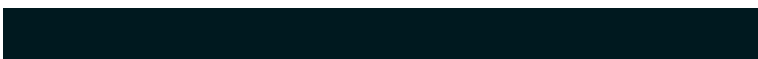
0D44BC



555D5E



00809E



00191F



# Inverse Universe

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



BC0D9B



F500C7



BC850D



5E555D



9E0080



1F0019



# Previews

## White Background



This preview shows how the Hex color 0D9BBC looks on a white background.

## Color Contrast Check

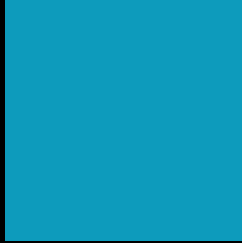
Large Text (above 18pt) WCAG AA ✓ Pass

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 0D9BBC 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 0D9BBC Background



This preview shows how black text looks on a background with the Hex color 0D9BBC.

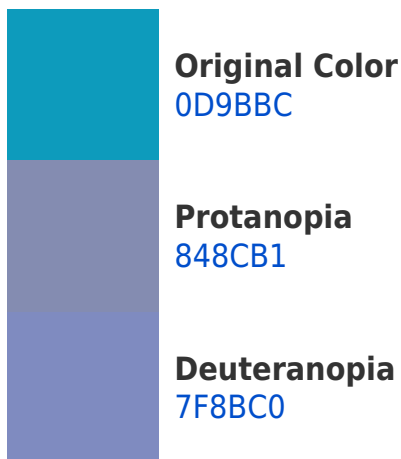


This preview shows how white text looks on a background with the Hex color 0D9BBC.

# 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**  
009DAA

# Trichromacy



**Original Color**  
0D9BBC



**Protanomaly**  
5991B5



**Deuteranomaly**  
5691BF



**Tritanomaly**  
059CB1

# Monochromacy



**Original Color**  
0D9BBC



**Achromatopsia**  
747474



**Achromatomaly**  
4F828E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0D9BBC 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 #0D9BBC looks like.

```
.text, #text, p{  
    color:#0D9BBC  
}
```

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 #0D9BBC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D9BBC
}
```

## Border

The CSS property to change the border of an element to Hex 0D9BBC 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
#0D9BBC }
```

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

```
.border{ border-color:#0D9BBC }
```

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

Here you see how a box with a 4 pixel #0D9BBC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D9BBC; -webkit-box-shadow:4px 4px  
4px 4px #0D9BBC; box-shadow:4px 4px 4px  
4px #0D9BBC }
```

# Background

The CSS property to change the background color of an element to Hex 0D9BBC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D9BBC }
```

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

```
.background{ background-color:#0D9BBC }
```

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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