

# Converting Colors

Hex(0BB9D8)

Have a look what the booklet for  
Hex(0BB9D8) contains.

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# Color

**Hex(0BB9D8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0BB9D8
RGB	11, 185, 216
RGB Percent	4%, 73%, 85%
CMY	0.9569, 0.2745, 0.1529
CMYK	0.95, 0.14, 0.00, 0.15
HSL	189°, 90%, 45%
HSV	189°, 95%, 85%
XYZ	29.8816, 39.7269, 71.0589
YIQ	136.5080, -113.6550, -27.2470

# Conversions

## Conversions Part 2

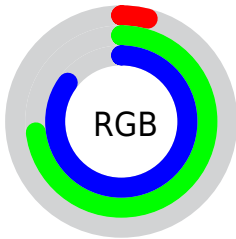
<b>Format</b>	<b>Color</b>
<b>RYB</b>	11, 105, 216
Decimal	768472
CIELab	69.27, -27.58, -26.45
CIELCh	69, 38.216, 223.808
Yxy	39.7269, 0.2124, 0.2824
Android (android.graphics.Color)	4278958552 (0xFF0BB9D8)
YUV	136.5080, 39.1896, -110.0705
Hunter-Lab	63.0293, -25.6760, -22.7227

# Details

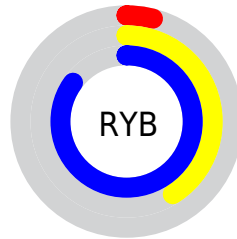
The Hex color **0BB9D8** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **D82A0B**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **6BF1FF**, and **0084A1** is the 20% darker color. If you saturate the color by 10%, you get **00B7D8**, and if you desaturate by 10%, it is **21BCD8**.

# Distribution



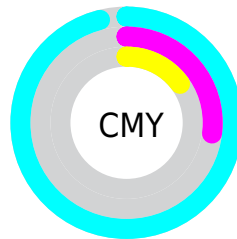
- Red (4%)
- Green (73%)
- Blue (85%)



- Red (4%)
- Yellow (41%)
- Blue (85%)



- Cyan (95%)
- Magenta (14%)
- Yellow (0%)
- Black (15%)



- Cyan (96%)
- Magenta (27%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0BB9D8 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 0BB9D8 by changing the saturation by 10% instead.



 0BB9D8

 0BB9D8

FFFFFF

 009EBC

 6BF1FF

 0084A1

 8CFFFF

 006A87

 ACFFFF

 00516D

 CBFFFF

 003A55

 EAFFFF

 00253E

 000328

 000112

 000000

■ 0BB9D8

■ 0BB9D8

■ 00B7D8

■ 21BCD8

■ 36C0D8

■ 4CC3D8

■ 61C6D8

■ 77C9D8

■ 8DCDD8

■ A2D0D8

■ B8D3D8

■ CDD6D8

# Harmonies

## Analogous

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



27BCB8



0BB9D8



54B2EB

# Triad

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



0BB9D8



E190BD



B0AC65

# Complementary

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



0BB9D8



D82A0B

# 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.



D0A167



0BB9D8



ED8E9A

# Square

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



0BB9D8



C19ADB



E6957B



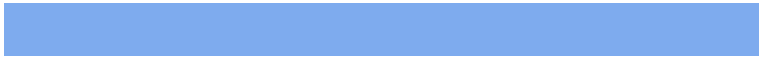
89B576

# Rectangle

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



0BB9D8



7EABEE



E6957B



BCA963

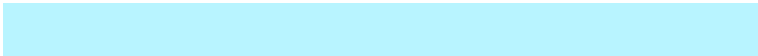


# Sweetspot

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



0BB9D8



B8F4FF



0BD82A



547980



000000



808080

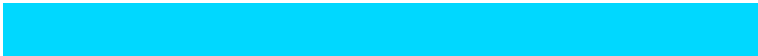


# Same Dimension

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



0BB9D8



00D8FF



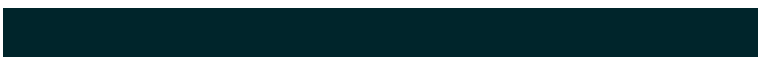
0B53D8



60696B



0091AB



00252B



# Inverse Universe

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



D80BB9



FF00D8



D8900B



6B6069



AB0091



2B0025



# Previews

## White Background



This preview shows how the Hex color 0BB9D8 looks on a white background.

## Color Contrast Check

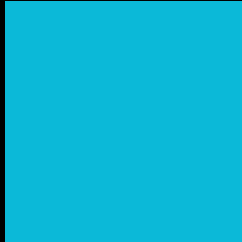
Large Text (above 18pt) WCAG AA × Fail

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 0BB9D8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

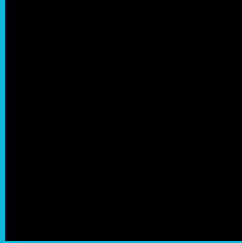
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 0BB9D8 Background



This preview shows how black text looks on a background with the Hex color 0BB9D8.

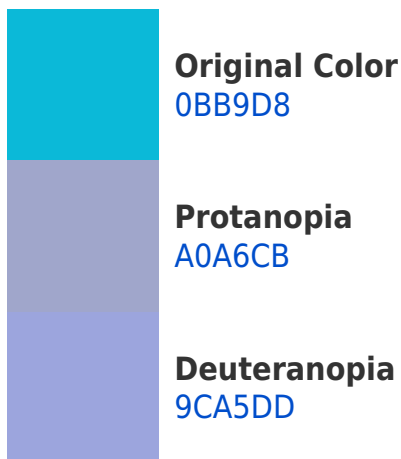


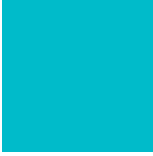
This preview shows how white text looks on a background with the Hex color 0BB9D8.

# 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**  
00BBCA

# Trichromacy



**Original Color**  
0BB9D8



**Protanomaly**  
6AADD0



**Deuteranomaly**  
67ACDB



**Tritanomaly**  
04BACF

# Monochromacy



**Original Color**  
0BB9D8



**Achromatopsia**  
898989



**Achromatomaly**  
5B9AA6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0BB9D8 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 #0BB9D8 looks like.

```
.text, #text, p{  
    color:#0BB9D8  
}
```

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 #0BB9D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0BB9D8
}
```

## Border

The CSS property to change the border of an element to Hex 0BB9D8 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
#0BB9D8 }
```

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

```
.border{ border-color:#0BB9D8 }
```

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

Here you see how a box with a 4 pixel #0BB9D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0BB9D8; -webkit-box-shadow:4px 4px  
4px 4px #0BB9D8; box-shadow:4px 4px 4px  
4px #0BB9D8 }
```

# Background

The CSS property to change the background color of an element to Hex 0BB9D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0BB9D8 }
```

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

```
.background{ background-color:#0BB9D8 }
```

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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