

# Converting Colors

Hex(0D9CBF)

Have a look what the booklet for  
Hex(0D9CBF) contains.

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# Color

**Hex(0D9CBF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0D9CBF
RGB	13, 156, 191
RGB Percent	5%, 61%, 75%
CMY	0.9490, 0.3882, 0.2510
CMYK	0.93, 0.18, 0.00, 0.25
HSL	192°, 87%, 40%
HSV	192°, 93%, 75%
XYZ	21.4584, 27.6241, 53.4912
YIQ	117.2330, -96.4630, -19.4310

# Conversions

## Conversions Part 2

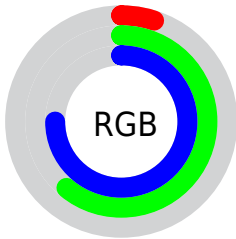
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 92, 191
Decimal	892095
CIELab	59.55, -21.18, -27.56
CIELCh	60, 34.756, 232.453
Yxy	27.6241, 0.2092, 0.2693
Android (android.graphics.Color)	4279082175 (0xFF0D9CBF)
YUV	117.2330, 36.3671, -91.4123
Hunter-Lab	52.5586, -19.1003, -23.5510

# Details

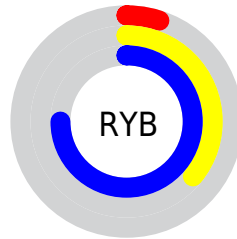
The Hex color **0D9CBF** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **BF300D**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **64D3F7**, and **006989** is the 20% darker color. If you saturate the color by 10%, you get **0099BF**, and if you desaturate by 10%, it is **20A0BF**.

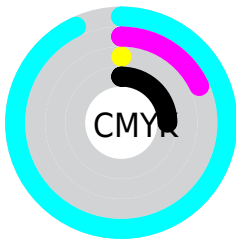
# Distribution



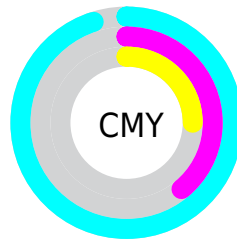
- Red (5%)
- Green (61%)
- Blue (75%)



- Red (5%)
- Yellow (36%)
- Blue (75%)



- Cyan (93%)
- Magenta (18%)
- Yellow (0%)
- Black (25%)



- Cyan (95%)
- Magenta (39%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0D9CBF 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 0D9CBF by changing the saturation by 10% instead.



 0D9CBF

 0D9CBF

FFFFFF

 0082A4

 64D3F7

 006989

 83EFFF

 005070

 A2FFFF

 003957

 C0FFFF

 002440

 DFFFFF

 00032A

FDFFFF

 000114

 000000

 0D9CBF

 0D9CBF

0099BF

20A0BF

33A4BF

46A7BF

59ABBF

6DAFBF

80B3BF

93B6BF

A6BABF

B9BEBF

# Harmonies

## Analogous

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



009FA6



0D9CBF



5495CB

# Triad

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



0D9CBF



C57898



8C9556

# Complementary

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



0D9CBF



BF300D

# 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.



AA8B52



0D9CBF



CB797A

# Square

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



0D9CBF



AE7FB5



C08060



699C69

# Rectangle

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



0D9CBF



778ECB



C08060



979253

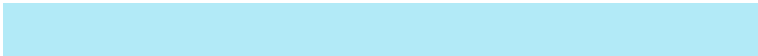


# Sweetspot

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



0D9CBF



B2EAF7



0DBF2E



52757D



FCFCFC



7D7D7D

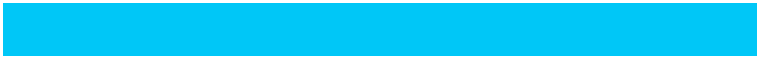


# Same Dimension

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



0D9CBF



00C7F7



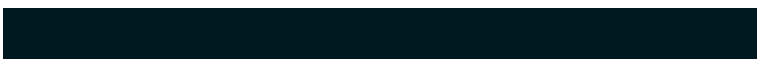
0D45BF



555C5E



007F9E



00191F



# Inverse Universe

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



BF0D9C



F700C7



BF870D



5E555C



9E007F



1F0019



# Previews

## White Background



This preview shows how the Hex color 0D9CBF looks on a white background.

## Color Contrast Check

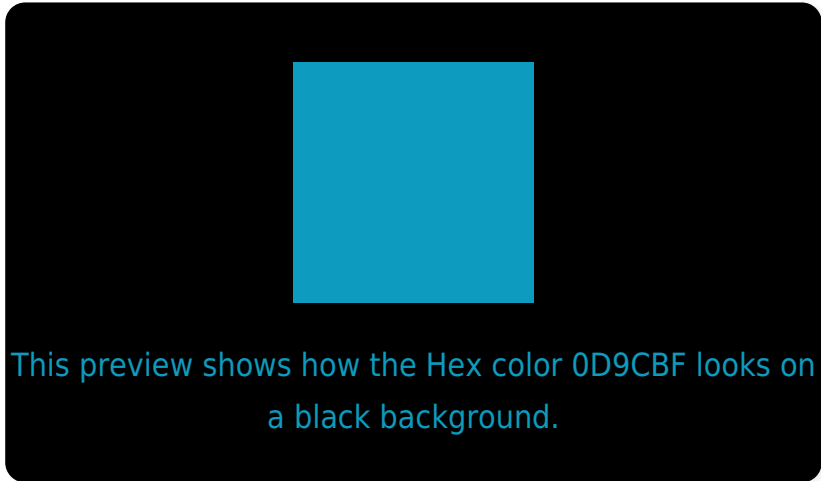
Large Text (above 18pt) WCAG AA ✓ Pass

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

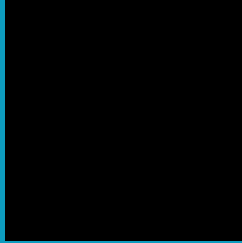
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0D9CBF Background



This preview shows how black text looks on a background with the Hex color 0D9CBF.



This preview shows how white text looks on a background with the Hex color 0D9CBF.

# 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](#).

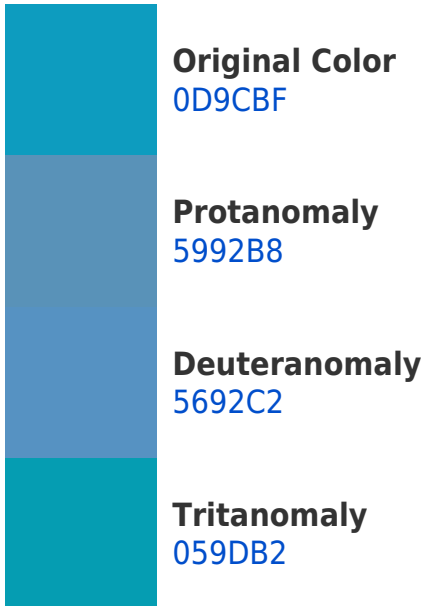
## Dichromacy





**Tritanopia**  
009EAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0D9CBF 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 #0D9CBF looks like.

```
.text, #text, p{  
    color:#0D9CBF  
}
```

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 #0D9CBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D9CBF
}
```

## Border

The CSS property to change the border of an element to Hex 0D9CBF 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
#0D9CBF }
```

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

```
.border{ border-color:#0D9CBF }
```

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

Here you see how a box with a 4 pixel #0D9CBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D9CBF; -webkit-box-shadow:4px 4px  
4px 4px #0D9CBF; box-shadow:4px 4px 4px  
4px #0D9CBF }
```

# Background

The CSS property to change the background color of an element to Hex 0D9CBF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D9CBF }
```

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

```
.background{ background-color:#0D9CBF }
```

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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