

# Converting Colors

Hex(09D0DC)

Have a look what the booklet for  
Hex(09D0DC) contains.

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# Color

Hex(09D0DC)

# Conversions

## Conversions Part 1

Format	Color
Hex	09D0DC
RGB	9, 208, 220
RGB Percent	4%, 82%, 86%
CMY	0.9647, 0.1843, 0.1373
CMYK	0.96, 0.05, 0.00, 0.14
HSL	183°, 92%, 45%
HSV	183°, 96%, 86%
XYZ	35.5868, 50.3371, 75.5506
YIQ	149.8670, -122.4560, -38.4560

# Conversions

## Conversions Part 2

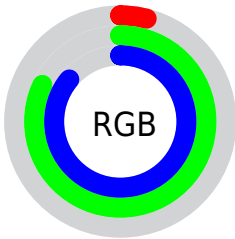
Format	Color
<a href="#">RYB</a>	<a href="#">9, 111, 220</a>
Decimal	<a href="#">643292</a>
CIELab	<a href="#">76.28, -37.37, -17.96</a>
CIELCh	<a href="#">76, 41.460, 205.677</a>
Yxy	<a href="#">50.3371, 0.2204, 0.3117</a>
Android (android.graphics.Color)	<a href="#">4278833372</a> ( <a href="#">0xFF09D0DC</a> )
YUV	<a href="#">149.8670, 34.5756, -123.5404</a>
Hunter-Lab	<a href="#">70.9487, -34.6272, -13.4716</a>

# Details

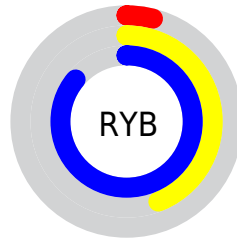
The Hex color **09D0DC** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **DC1509**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **6FFFFFF**, and **0099A5** is the 20% darker color. If you saturate the color by 10%, you get **00CFDC**, and if you desaturate by 10%, it is **1FD1DC**.

# Distribution



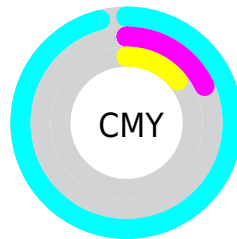
- Red (4%)
- Green (82%)
- Blue (86%)



- Red (4%)
- Yellow (44%)
- Blue (86%)



- Cyan (96%)
- Magenta (5%)
- Yellow (0%)
- Black (14%)



- Cyan (96%)
- Magenta (18%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 09D0DC 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 09D0DC by changing the saturation by 10% instead.



09D0DC

09D0DC

FFFFFF

00B4C0

6FFFFFF

0099A5

90FFFF

007F8B

B0FFFF

006571

D0FFFF

004C59

F0FFFF

003441

001F2B

000117

000000

■ 09D0DC

■ 09D0DC

■ 00CFDC

■ 1FD1DC

■ 35D3DC

■ 4BD4DC

■ 61D5DC

■ 77D6DC

■ 8DD8DC

■ A3D9DC

■ B9DADC

■ CFDBDC

# Harmonies

## Analogous

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



52D0B5



09D0DC



2FCBFA

# Triad

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



09D0DC



E7A7E8



DAB86F

# Complementary

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



09D0DC



DC1509

# 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.



F7AB7E



09D0DC



FF9FC3

# Square

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



09D0DC



B8B4FF



FFA09D



B3C476

# Rectangle

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



09D0DC



62C5FF



FFA09D



E5B372



# Sweetspot

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



09D0DC



B5FBFF



09DC14



537D80



000000



808080



# Same Dimension

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



09D0DC



00F0FF



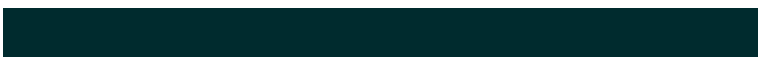
0968DC



636D6E



00A4AD



002B2E



# Inverse Universe

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



DC09D0



FF00F0



DC7D09



6E636D



AD00A4

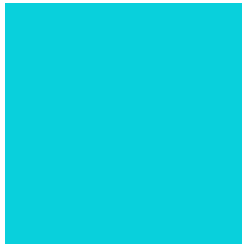


2E002B



# Previews

## White Background



This preview shows how the Hex color 09D0DC looks on a white background.

## Color Contrast Check

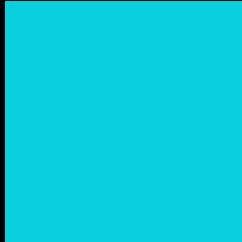
Large Text (above 18pt) WCAG AA × Fail

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 09D0DC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

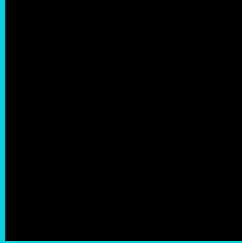
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 09D0DC Background



This preview shows how black text looks on a background with the Hex color 09D0DC.

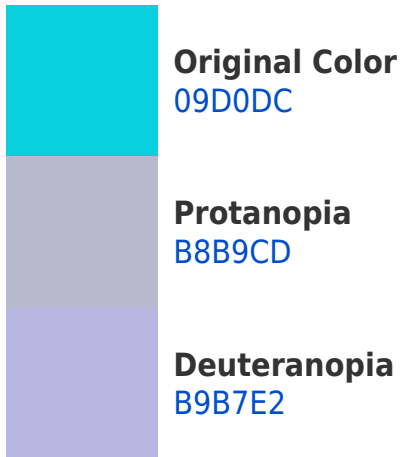


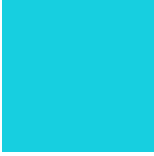
This preview shows how white text looks on a background with the Hex color 09D0DC.

# 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



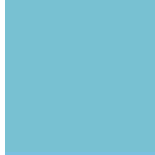


**Tritanopia**  
17CFE0

# Trichromacy



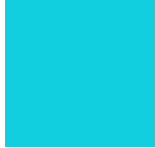
**Original Color**  
09D0DC



**Protanomaly**  
78C1D2



**Deuteranomaly**  
79C0E0



**Tritanomaly**  
12CFDF

# Monochromacy



**Original Color**  
09D0DC



**Achromatopsia**  
969696



**Achromatomaly**  
63ABAF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 09D0DC 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 #09D0DC looks like.

```
.text, #text, p{  
    color:#09D0DC  
}
```

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 #09D0DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09D0DC
}
```

## Border

The CSS property to change the border of an element to Hex 09D0DC 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
#09D0DC }
```

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

```
.border{ border-color:#09D0DC }
```

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

Here you see how a box with a 4 pixel #09D0DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09D0DC; -webkit-box-shadow:4px 4px  
4px 4px #09D0DC; box-shadow:4px 4px 4px  
4px #09D0DC }
```

# Background

The CSS property to change the background color of an element to Hex 09D0DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09D0DC }
```

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

```
.background{ background-color:#09D0DC }
```

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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