

# Converting Colors

Hex(0DC8E0)

Have a look what the booklet for  
Hex(0DC8E0) contains.

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# **Color**

**Hex(0DC8E0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0DC8E0
RGB	13, 200, 224
RGB Percent	5%, 78%, 88%
CMY	0.9490, 0.2157, 0.1216
CMYK	0.94, 0.11, 0.00, 0.12
HSL	187°, 89%, 46%
HSV	187°, 94%, 88%
XYZ	34.2748, 46.7759, 77.7432
YIQ	146.8230, -119.1560, -32.1800

# Conversions

## Conversions Part 2

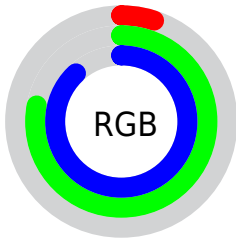
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 112, 224
Decimal	903392
CIELab	74.05, -32.24, -23.51
CIELCh	74, 39.899, 216.094
Yxy	46.7759, 0.2158, 0.2946
Android (android.graphics.Color)	4279093472 (0xFF0DC8E0)
YUV	146.8230, 38.0483, -117.3628
Hunter-Lab	68.3929, -30.2332, -19.5207

# Details

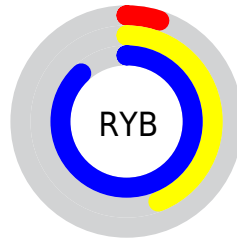
The Hex color **0DC8E0** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **E0250D**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **6FFFFFF**, and **0092A9** is the 20% darker color. If you saturate the color by 10%, you get **00C7E0**, and if you desaturate by 10%, it is **23CBE0**.

# Distribution



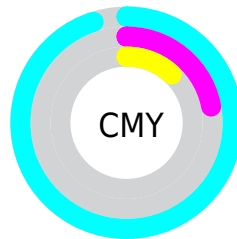
- Red (5%)
- Green (78%)
- Blue (88%)



- Red (5%)
- Yellow (44%)
- Blue (88%)



- Cyan (94%)
- Magenta (11%)
- Yellow (0%)
- Black (12%)



- Cyan (95%)
- Magenta (22%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0DC8E0 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 0DC8E0 by changing the saturation by 10% instead.



 0DC8E0

 0DC8E0

FFFFFF

 00ACC4

 6FFFFFF

 0092A9

 90FFFF

 00778E

 B0FFFF

 005E75


 D0FFFF

 00465C

 EFFFFFF

 002F44

 00192E

 000119

 000000

0DC8E0

0DC8E0

00C7E0

23CBE0

3ACDE0

50D0E0

67D2E0

7DD5E0

93D7E0

AADAE0

C0DCE0

D7DFE0

# Harmonies

## Analogous

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



3ECABD



0DC8E0



4BC2F8

# Triad

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



0DC8E0



EA9ED4



C7B66C

# Complementary

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



0DC8E0



E0250D

# 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.



E7AA74



0DC8E0



FC99B0

# Square

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



0DC8E0



C4AAF1



FA9E8D



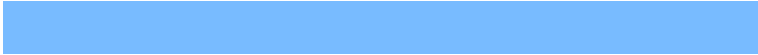
A0C179

# Rectangle

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



0DC8E0



78BBFF



FA9E8D



D2B26C



# Sweetspot

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



0DC8E0



B8F7FF



0DE022



547B80



000000



808080

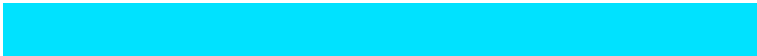


# Same Dimension

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



0DC8E0



00E2FF



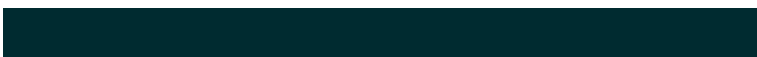
0D61E0



656F70



009CB0



002B30



# Inverse Universe

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



E00DC8



FF00E2



E08C0D



70656F



B0009C

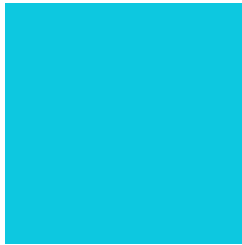


30002B



# Previews

## White Background



This preview shows how the Hex color 0DC8E0 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 0DC8E0 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 0DC8E0 Background



This preview shows how black text looks on a background with the Hex color 0DC8E0.

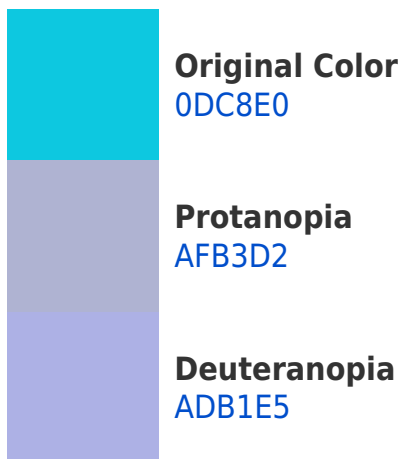


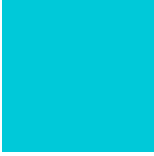
This preview shows how white text looks on a background with the Hex color 0DC8E0.

# 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



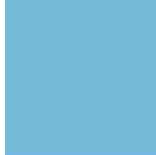


**Tritanopia**  
00C9D9

# Trichromacy



**Original Color**  
0DC8E0



**Protanomaly**  
74BBD7



**Deuteranomaly**  
73B9E3



**Tritanomaly**  
05C9DC

# Monochromacy



**Original Color**  
0DC8E0



**Achromatopsia**  
939393



**Achromatomaly**  
62A6AF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0DC8E0 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 #0DC8E0 looks like.

```
.text, #text, p{  
    color:#0DC8E0  
}
```

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 #0DC8E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0DC8E0
}
```

## Border

The CSS property to change the border of an element to Hex 0DC8E0 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
#0DC8E0 }
```

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

```
.border{ border-color:#0DC8E0 }
```

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

Here you see how a box with a 4 pixel #0DC8E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0DC8E0; -webkit-box-shadow:4px 4px  
4px 4px #0DC8E0; box-shadow:4px 4px 4px  
4px #0DC8E0 }
```

# Background

The CSS property to change the background color of an element to Hex 0DC8E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0DC8E0 }
```

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

```
.background{ background-color:#0DC8E0 }
```

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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