

Converting Colors

Hex(0CC9DE)

Have a look what the booklet for
Hex(0CC9DE) contains.

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Color

Hex(0CC9DE)

Conversions

Conversions Part 1	
Format	Color
Hex	0CC9DE
RGB	12, 201, 222
RGB Percent	5%, 79%, 87%
CMY	0.9529, 0.2118, 0.1294
CMYK	0.95, 0.09, 0.00, 0.13
HSL	186°, 90%, 46%
HSV	186°, 95%, 87%
XYZ	34.2231, 47.1254, 76.3996
YIQ	146.8830, -119.3850, -33.5370

Conversions

Conversions Part 2

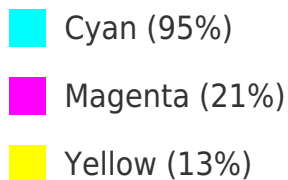
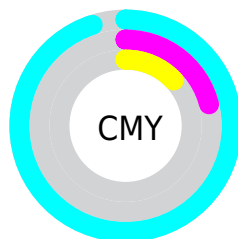
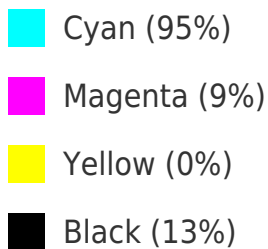
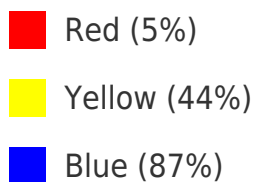
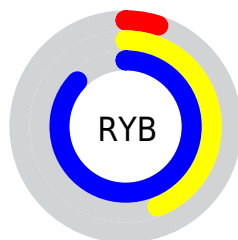
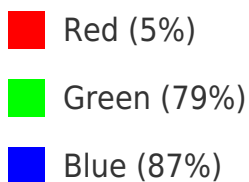
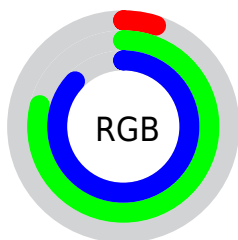
Format	Color
RYB	12, 111, 222
Decimal	838110
CIELab	74.27, -33.38, -22.08
CIELCh	74, 40.027, 213.485
Yxy	47.1254, 0.2169, 0.2987
Android (android.graphics.Color)	4279028190 (0xFF0CC9DE)
YUV	146.8830, 37.0327, -118.2924
Hunter-Lab	68.6479, -31.1462, -17.9314

Details

The Hex color **0CC9DE** 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 **DE210C**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **6FFFFFF**, and **0092A7** is the 20% darker color. If you saturate the color by 10%, you get **00C8DE**, and if you desaturate by 10%, it is **22CBDE**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 0CC9DE 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 0CC9DE by changing the saturation by 10% instead.

 0CC9DE

 0CC9DE

FFFFFF

 00ADC2

 6FFFFFF

 0092A7

 90FFFF

 00788C

 B0FFFF

 005F73

 CFFFFFF

 00475A

 EFFFFFF

 003043

 00192D

 000118

 000000

 0CC9DE

 0CC9DE

 00C8DE

 22CBDE

 38CDDE

 4FD0DE

 65D2DE

 7BD4DE

 91D6DE

 A7D9DE

 BEDBDE

 D4DDDE

Harmonies

Analogous

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



43CABA



0CC9DE



45C3F8

Triad

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



0CC9DE



E99FD8



CBB66C

Complementary

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



0CC9DE



DE210C

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.



EAA976



0CC9DE



FC9AB4

Square

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



0CC9DE



C1ACF4



FC9E90



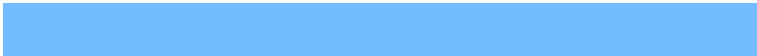
A4C078

Rectangle

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



0CC9DE



73BDFE



FC9E90



D6B26D

Sweetspot

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



0CC9DE



B8F8FF



0CDE21



547B80



000000



808080

Same Dimension

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



0CC9DE



00E6FF



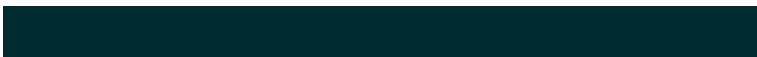
0C64DE



656F70



009EB0



002C30

Inverse Universe

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



DE0CC9



FF00E6



DE8A0C



70656F



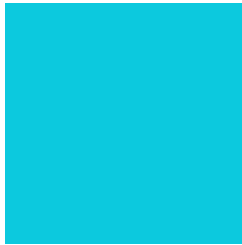
B0009E



30002C

Previews

White Background



This preview shows how the Hex color 0CC9DE looks on a white background.

Color Contrast Check

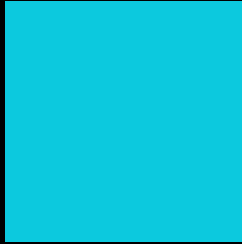
Large Text (above 18pt) WCAG AA × Fail

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 0CC9DE 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 0CC9DE Background



This preview shows how black text looks on a background with the Hex color 0CC9DE.



This preview shows how white text looks on a background with the Hex color 0CC9DE.

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](#).

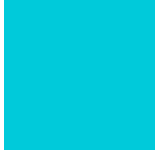
Dichromacy



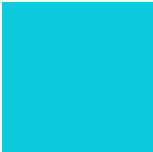
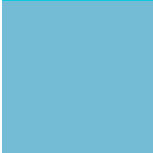
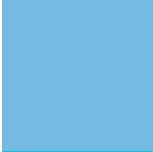

Original Color
0CC9DE

Protanopia
B0B4D0

Deuteranopia
AFB2E3



Trichromacy

	Original Color 0CC9DE
	Protanomaly 74BCD5
	Deuteranomaly 74BAE1
	Tritanomaly 04CADB

Monochromacy

	Original Color 0CC9DE
	Achromatopsia 939393
	Achromatomaly 62A7AE

CSS Examples

Text

The CSS property to change the color of the text to Hex 0CC9DE 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 #0CC9DE looks like.

```
.text, #text, p{  
    color:#0CC9DE  
}
```

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 #0CC9DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CC9DE
}
```

Border

The CSS property to change the border of an element to Hex 0CC9DE 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
#0CC9DE }
```

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

```
.border{ border-color:#0CC9DE }
```

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

Here you see how a box with a 4 pixel #0CC9DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CC9DE; -webkit-box-shadow:4px 4px  
4px 4px #0CC9DE; box-shadow:4px 4px 4px  
4px #0CC9DE }
```

Background

The CSS property to change the background color of an element to Hex 0CC9DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CC9DE }
```

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

```
.background{ background-color:#0CC9DE }
```

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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