

# Converting Colors

Hex(00CEDB)

Have a look what the booklet for  
Hex(00CEDB) contains.

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# **Color**

**Hex(00CEDB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00CEDB
RGB	0, 206, 219
RGB Percent	0%, 81%, 86%
CMY	1.0000, 0.1922, 0.1412
CMYK	1.00, 0.06, 0.00, 0.14
HSL	184°, 100%, 43%
HSV	184°, 100%, 86%
XYZ	34.8575, 49.2571, 74.6882
YIQ	145.8880, -126.9490, -39.6290

# Conversions

## Conversions Part 2

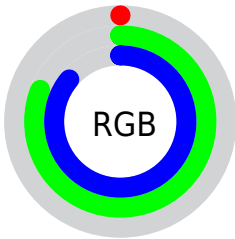
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 106, 219
Decimal	52955
CIELab	75.61, -36.98, -18.43
CIELCh	76, 41.320, 206.497
Yxy	49.2571, 0.2195, 0.3102
Android (android.graphics.Color)	4278243035 (0xFF00CEDB)
YUV	145.8880, 36.0442, -127.9438
Hunter-Lab	70.1834, -34.1666, -13.9672

# Details

The Hex color **00CEDB** 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 **DB0D00**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **6DFFFF**, and **0097A4** is the 20% darker color. If you saturate the color by 10%, you get **00CEDB**, and if you desaturate by 10%, it is **16CFDB**.

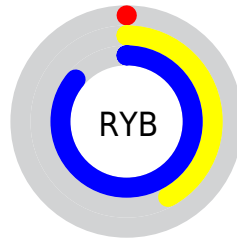
# Distribution



Red (0%)

Green (81%)

Blue (86%)



Red (0%)

Yellow (42%)

Blue (86%)

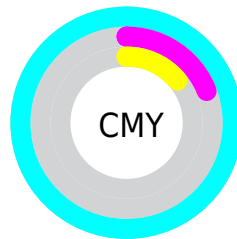


Cyan (100%)

Magenta (6%)

Yellow (0%)

Black (14%)



Cyan (100%)

Magenta (19%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00CEDB 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 00CEDB by changing the saturation by 10% instead.



 00CEDB

 00CEDB

FFFFFF

 00B2BF

 6DFFFF

 0097A4

 8FFFFFFF

 007D8A

 AFFFFFFF

 006370

 CEFFFF

 004B58

 EEEFFF

 003341

 001D2A

 000116

 000000

 00CEDB

 16CFDB

 2CD1DB

 42D2DB

 58D3DB

 6ED5DB

 83D6DB

 99D7DB

 AFD8DB

 C5DADB

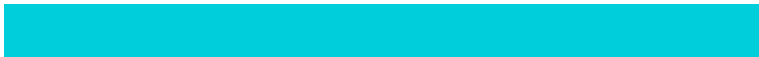
# Harmonies

## Analogous

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



4FCEB4



00CEDB



2FC9F9

# Triad

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



00CEDB



E6A5E5



D7B66E

# Complementary

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



00CEDB



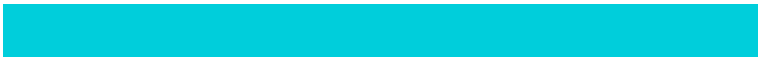
DB0D00

# 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.



F5A97C



00CEDB



FF9DC0

# Square

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



00CEDB



B8B2FE



FF9F9A



B1C275

# Rectangle

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



00CEDB



63C3FF



FF9F9A



E2B270



# Sweetspot

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



00CEDB



B3FAFF



00DB0B



527D80



000000



808080



# Same Dimension

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



00CEDB



00F0FF



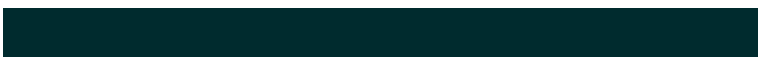
0063DB



636D6E



00A3AD



002B2E



# Inverse Universe

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



DB00CE



FF00F0



DB7800



6E636D



AD00A3

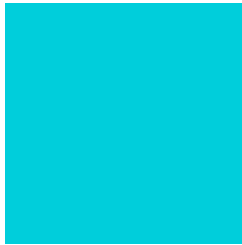


2E002B



# Previews

## White Background



This preview shows how the Hex color 00CEDB 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 00CEDB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

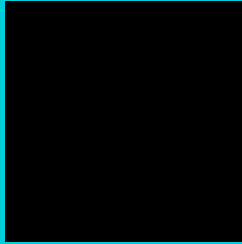
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

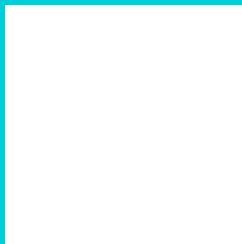
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00CEDB Background



This preview shows how black text looks on a background with the Hex color 00CEDB.

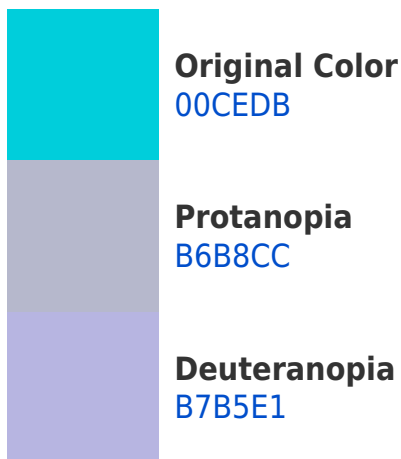


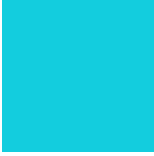
This preview shows how white text looks on a background with the Hex color 00CEDB.

# 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

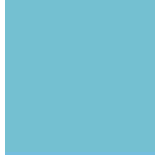




# Trichromacy



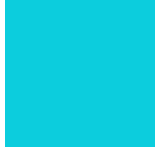
**Original Color**  
00CEDB



**Protanomaly**  
74C0D1



**Deuteranomaly**  
74BEDF



**Tritanomaly**  
0CCDDD

# Monochromacy



**Original Color**  
00CEDB



**Achromatopsia**  
929292



**Achromatomaly**  
5DA8AD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00CEDB 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 #00CEDB looks like.

```
.text, #text, p{  
    color:#00CEDB  
}
```

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 #00CEDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CEDB
}
```

## Border

The CSS property to change the border of an element to Hex 00CEDB 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
#00CEDB }
```

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

```
.border{ border-color:#00CEDB }
```

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

Here you see how a box with a 4 pixel #00CEDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CEDB; -webkit-box-shadow:4px 4px  
4px 4px #00CEDB; box-shadow:4px 4px 4px  
4px #00CEDB }
```

# Background

The CSS property to change the background color of an element to Hex 00CEDB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CEDB }
```

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

```
.background{ background-color:#00CEDB }
```

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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