

# Converting Colors

Hex(00D6DB)

Have a look what the booklet for  
Hex(00D6DB) contains.

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# Color

**Hex(00D6DB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00D6DB
RGB	0, 214, 219
RGB Percent	0%, 84%, 86%
CMY	1.0000, 0.1608, 0.1412
CMYK	1.00, 0.02, 0.00, 0.14
HSL	181°, 100%, 43%
HSV	181°, 100%, 86%
XYZ	36.8328, 53.2076, 75.3466
YIQ	150.5840, -129.1490, -43.8130

# Conversions

## Conversions Part 2

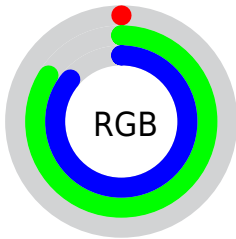
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 108, 219
Decimal	55003
CIELab	78.00, -40.63, -14.84
CIELCh	78, 43.254, 200.061
Yxy	53.2076, 0.2227, 0.3217
Android (android.graphics.Color)	4278245083 (0xFF00D6DB)
YUV	150.5840, 33.7291, -132.0622
Hunter-Lab	72.9435, -37.5179, -10.1828

# Details

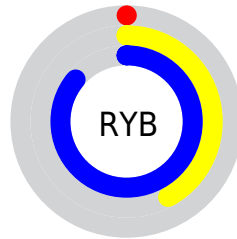
The Hex color **00D6DB** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **DB0500**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **6EFFFF**, and **009FA4** is the 20% darker color. If you saturate the color by 10%, you get **00D6DB**, and if you desaturate by 10%, it is **16D7DB**.

# Distribution



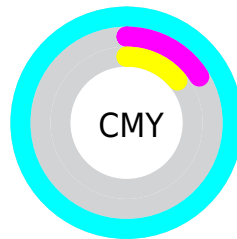
- Red (0%)
- Green (84%)
- Blue (86%)



- Red (0%)
- Yellow (42%)
- Blue (86%)



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (14%)



- Cyan (100%)
- Magenta (16%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00D6DB 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 00D6DB by changing the saturation by 10% instead.



 00D6DB

 00D6DB

FFFFFF

 00BABF

 6EFFFF

 009FA4

 90FFFF

 00848A

 B0FFFF

 006A70

 D0FFFF

 005158

 F0FFFF

 003941

 00242B

 000117

 000000

 00D6DB

 16D7DB

 2CD7DB

 42D8DB

 58D8DB

 6ED9DB

 83D9DB

 99DADB

 AFDADB

 C5DBDB

# Harmonies

## Analogous

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



5BD5B2



00D6DB



05D2FD

# Triad

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



00D6DB



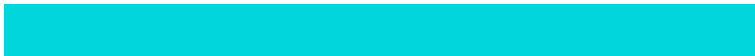
E6ADF5



E7BA71

# Complementary

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



00D6DB



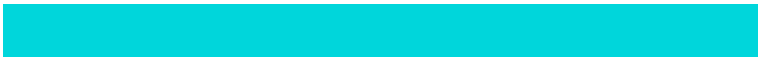
DB0500

# 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.



FFAC85



00D6DB



FFA3D0

# Square

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



00D6DB



B2BBFF



FFA2A7



C0C774

# Rectangle

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



00D6DB



51CCFF



FFA2A7

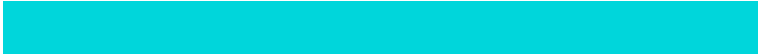


F2B576



# Sweetspot

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



00D6DB



B3FDFD



00DB04



527E80



000000



808080



# Same Dimension

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



00D6DB



00F9FF



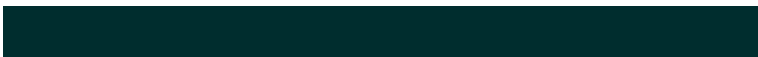
006ADB



636D6E



00A9AD



002D2E



# Inverse Universe

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



DB00D6



FF00F9



DB7100



6E636D



AD00A9

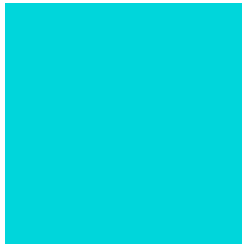


2E002D



# Previews

## White Background



This preview shows how the Hex color 00D6DB looks on a white background.

## Color Contrast Check

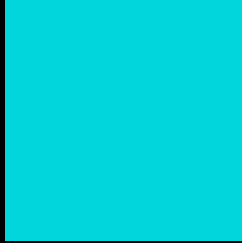
Large Text (above 18pt) WCAG AA × Fail

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 00D6DB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

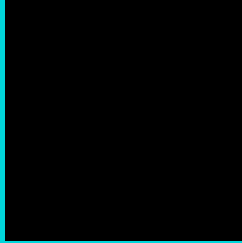
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 00D6DB Background



This preview shows how black text looks on a background with the Hex color 00D6DB.

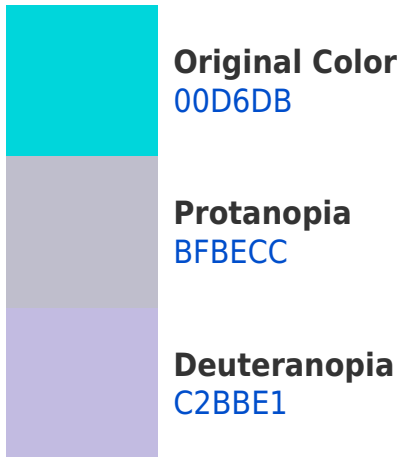


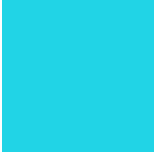
This preview shows how white text looks on a background with the Hex color 00D6DB.

# 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



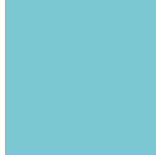


**Tritanopia**  
21D4E6

# Trichromacy



**Original Color**  
00D6DB



**Protanomaly**  
7AC7D1



**Deuteranomaly**  
7BC5DF



**Tritanomaly**  
15D5E2

# Monochromacy



**Original Color**  
00D6DB



**Achromatopsia**  
979797



**Achromatomaly**  
60AE80

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00D6DB 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 #00D6DB looks like.

```
.text, #text, p{  
  color:#00D6DB  
}
```

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 #00D6DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D6DB  
}
```

## Border

The CSS property to change the border of an element to Hex 00D6DB 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  
#00D6DB }
```

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

```
.border{ border-color:#00D6DB }
```

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

Here you see how a box with a 4 pixel #00D6DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D6DB; -webkit-box-shadow:4px 4px  
4px 4px #00D6DB; box-shadow:4px 4px 4px  
4px #00D6DB }
```

# Background

The CSS property to change the background color of an element to Hex 00D6DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D6DB }
```

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

```
.background{ background-color:#00D6DB }
```

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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