

# Converting Colors

Hex(00DBD7)

Have a look what the booklet for  
Hex(00DBD7) contains.

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# Color

**Hex(00DBD7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00DBD7
RGB	0, 219, 215
RGB Percent	0%, 86%, 84%
CMY	1.0000, 0.1412, 0.1569
CMYK	1.00, 0.00, 0.02, 0.14
HSL	179°, 100%, 43%
HSV	179°, 100%, 86%
XYZ	37.5973, 55.5693, 73.0344
YIQ	153.0630, -129.2400, -47.6720

# Conversions

## Conversions Part 2

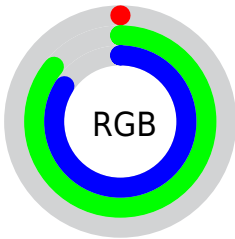
Format	Color
<b>RYB</b>	0, 111, 219
Decimal	56279
CIELab	79.37, -44.03, -10.65
CIELCh	79, 45.301, 193.591
Yxy	55.5693, 0.2262, 0.3344
Android (android.graphics.Color)	4278246359 (0xFF00DBD7)
YUV	153.0630, 30.5349, -134.2363
Hunter-Lab	74.5448, -40.4256, -5.9072

# Details

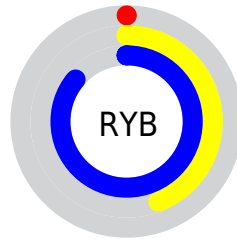
The Hex color **00DBD7** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **DB0004**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **6FFFFFF**, and **00A3A0** is the 20% darker color. If you saturate the color by 10%, you get **00DBD7**, and if you desaturate by 10%, it is **16DBD7**.

# Distribution



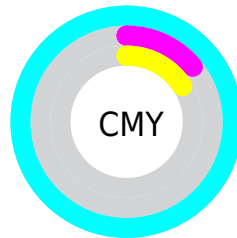
- Red (0%)
- Green (86%)
- Blue (84%)



- Red (0%)
- Yellow (44%)
- Blue (86%)



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 00DBD7 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 00DBD7 by changing the saturation by 10% instead.



 00DBD7

 00DBD7

FFFFFF

 00BFBB

 6FFFFFF

 00A3A0

 90FFFF

 008886

 B1FFFF

 006E6D

 D1FFFF

 005555

 F0FFFF

 003C3E

 002728

 000114

 000000

 00BD7

 16BD7

 2CDBD8

 42BD8

 58BD9

 6EDBD9

 83BD9

 99BDA

 AFD BDA

 C5DBDB

# Harmonies

## Analogous

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



66D9AB



00DBD7



00D8FE

# Triad

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



00DBD7



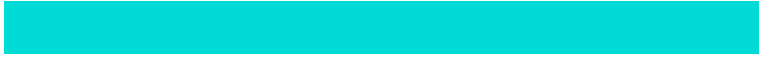
E2B3FF



F4BA74

# Complementary

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



00BD7



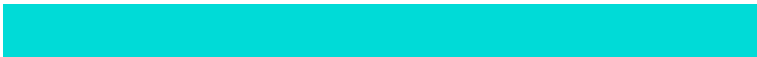
DB004

# 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.



FFAC8C



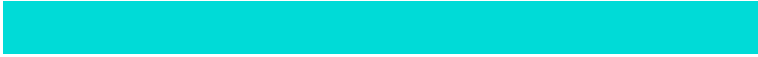
00DBD7



FFA6DE

# Square

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



00DBD7



A6C2FF



FFA3B3



CDC871

# Rectangle

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



00DBD7



33D3FF



FFA3B3

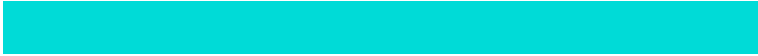


FEB57A



# Sweetspot

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



00DBD7



B3FFFE



07DB00



52807F



000000

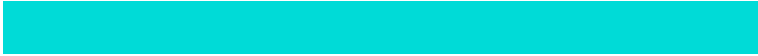


808080



# Same Dimension

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



00DBD7



00FFFA



0075DB



636E6D



00ADAA



002E2D



# Inverse Universe

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



DB0004



FF0005



DB6600



6E6363



AD0003

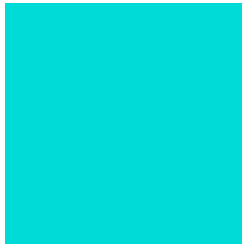


2E0001



# Previews

## White Background



This preview shows how the Hex color 00DBD7 looks on a white background.

## Color Contrast Check

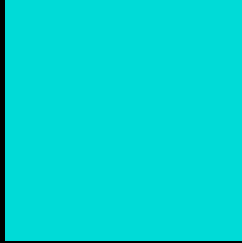
Large Text (above 18pt) WCAG AA × Fail

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 00DBD7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

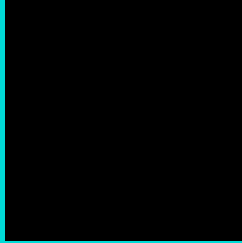
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 00DBD7 Background



This preview shows how black text looks on a background with the Hex color 00DBD7.

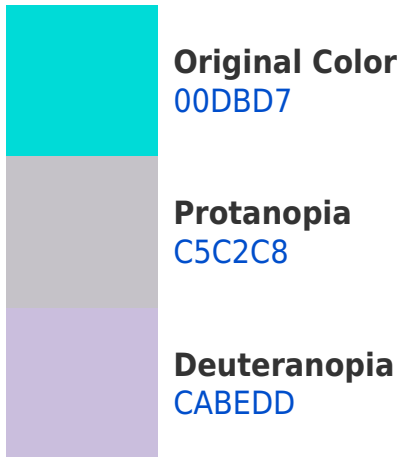


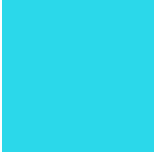
This preview shows how white text looks on a background with the Hex color 00DBD7.

# 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**  
2BD8EA

# Trichromacy



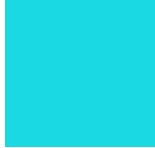
**Original Color**  
00DBD7



**Protanomaly**  
7DCBCD



**Deuteranomaly**  
81C9DB



**Tritanomaly**  
1BD9E3

# Monochromacy



**Original Color**  
00DBD7



**Achromatopsia**  
999999



**Achromatomaly**  
61B1B0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00DBD7 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 #00DBD7 looks like.

```
.text, #text, p{  
    color:#00DBD7  
}
```

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 #00DBD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00DBD7
}
```

## Border

The CSS property to change the border of an element to Hex 00DBD7 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
#00DBD7 }
```

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

```
.border{ border-color:#00DBD7 }
```

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

Here you see how a box with a 4 pixel #00DBD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00DBD7; -webkit-box-shadow:4px 4px  
4px 4px #00DBD7; box-shadow:4px 4px 4px  
4px #00DBD7 }
```

# Background

The CSS property to change the background color of an element to Hex 00DBD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00DBD7 }
```

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

```
.background{ background-color:#00DBD7 }
```

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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