

# Converting Colors

Hex(00D3D7)

Have a look what the booklet for  
Hex(00D3D7) contains.

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# Color

**Hex(00D3D7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00D3D7
RGB	0, 211, 215
RGB Percent	0%, 83%, 84%
CMY	1.0000, 0.1725, 0.1569
CMYK	1.00, 0.02, 0.00, 0.16
HSL	181°, 100%, 42%
HSV	181°, 100%, 84%
XYZ	35.5600, 51.4948, 72.3553
YIQ	148.3670, -127.0400, -43.4880

# Conversions

## Conversions Part 2

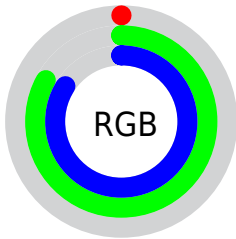
Format	Color
<b>RYB</b>	0, 106, 215
Decimal	54231
CIELab	76.98, -40.48, -14.22
CIELCh	77, 42.908, 199.357
Yxy	51.4948, 0.2231, 0.3230
Android (android.graphics.Color)	4278244311 (0xFF00D3D7)
YUV	148.3670, 32.8501, -130.1179
Hunter-Lab	71.7599, -37.1257, -9.5500

# Details

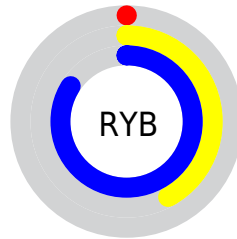
The Hex color **00D3D7** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **D70400**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **6DFFFF**, and **009CA0** is the 20% darker color. If you saturate the color by 10%, you get **00D3D7**, and if you desaturate by 10%, it is **15D3D7**.

# Distribution



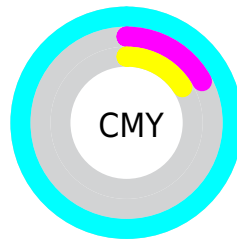
- Red (0%)
- Green (83%)
- Blue (84%)



- Red (0%)
- Yellow (42%)
- Blue (84%)



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (17%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00D3D7 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 00D3D7 by changing the saturation by 10% instead.



 00D3D7

 00D3D7

FFFFFF

 00B7BB

 6DFFFF

 009CA0

 8FFFFFFF

 008186

 AFFFFFFF

 00676D

 CFFFFFFF

 004E55

 EFFFFFFF

 00363E

 002128

 000113

 000000

 00D3D7

 15D3D7

 2BD4D7

 41D4D7

 56D5D7

 6CD5D7

 81D5D7

 97D6D7

 ACD6D7

 C2D7D7

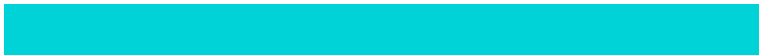
# Harmonies

## Analogous

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



5BD2AE



00D3D7



00CFF9

# Triad

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



00D3D7



E2AAF2



E4B770

# Complementary

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



00D3D7



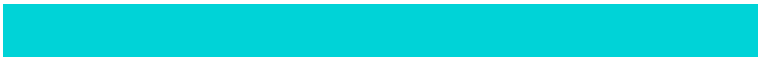
D70400

# 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.



FFA983



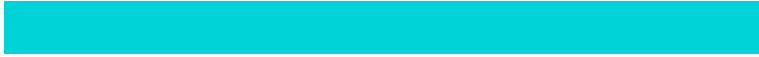
00D3D7



FFA0CE

# Square

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



00D3D7



ADB9FF



FFA0A6



BEC472

# Rectangle

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



00D3D7



4DCAFF



FFA0A6



EFB274



# Sweetspot

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



00D3D7



B3FEFF



00D704



527F80



000000



808080



# Same Dimension

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



00D3D7



00FAFF



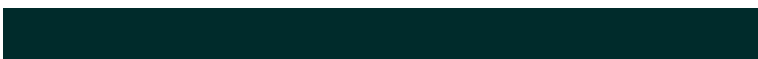
0068D7



606B6B



00A8AB



002B2B



# Inverse Universe

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



D700D3



FF00FA



D76F00



6B606B



AB00A8

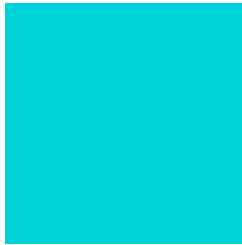


2B002B



# Previews

## White Background



This preview shows how the Hex color 00D3D7 looks on a white background.

## Color Contrast Check

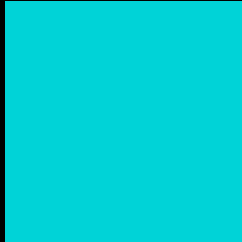
Large Text (above 18pt) WCAG AA × Fail

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 00D3D7 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 00D3D7 Background



This preview shows how black text looks on a background with the Hex color 00D3D7.



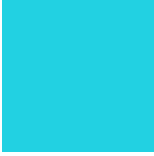
This preview shows how white text looks on a background with the Hex color 00D3D7.

# 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**  
22D1E2

# Trichromacy



**Original Color**

00D3D7



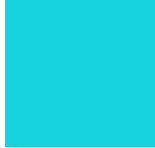
**Protanomaly**

78C4CD



**Deuteranomaly**

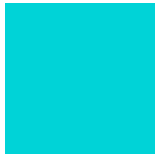
7AC2DB



**Tritanomaly**

16D2DE

# Monochromacy



**Original Color**

00D3D7



**Achromatopsia**

949494



**Achromatomaly**

5EABAC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00D3D7 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 #00D3D7 looks like.

```
.text, #text, p{  
    color:#00D3D7  
}
```

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 #00D3D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D3D7
}
```

## Border

The CSS property to change the border of an element to Hex 00D3D7 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
#00D3D7 }
```

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

```
.border{ border-color:#00D3D7 }
```

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

Here you see how a box with a 4 pixel #00D3D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D3D7; -webkit-box-shadow:4px 4px  
4px 4px #00D3D7; box-shadow:4px 4px 4px  
4px #00D3D7 }
```

# Background

The CSS property to change the background color of an element to Hex 00D3D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D3D7 }
```

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

```
.background{ background-color:#00D3D7 }
```

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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