

# Converting Colors

Hex(00DAD4)

Have a look what the booklet for  
Hex(00DAD4) contains.

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# Color

**Hex(00DAD4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00DAD4
RGB	0, 218, 212
RGB Percent	0%, 85%, 83%
CMY	1.0000, 0.1451, 0.1686
CMYK	1.00, 0.00, 0.03, 0.15
HSL	178°, 100%, 43%
HSV	178°, 100%, 85%
XYZ	36.9551, 54.8963, 70.9357
YIQ	152.1340, -128.0020, -48.0820

# Conversions

## Conversions Part 2

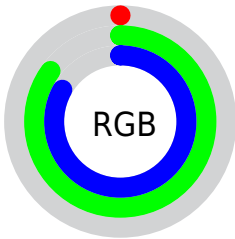
Format	Color
<a href="#">RYB</a>	0, 111, 218
Decimal	56020
CIELab	78.98, -44.47, -9.62
CIELCh	79, 45.497, 192.205
Yxy	54.8963, 0.2270, 0.3372
Android (android.graphics.Color)	4278246100 (0xFF00DAD4)
YUV	152.1340, 29.5139, -133.4215
Hunter-Lab	74.0920, -40.6301, -4.8998

# Details

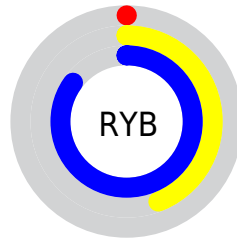
The Hex color **00DAD4** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **DA0006**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **6EFFFF**, and **00A29E** is the 20% darker color. If you saturate the color by 10%, you get **00DAD4**, and if you desaturate by 10%, it is **16DAD5**.

# Distribution



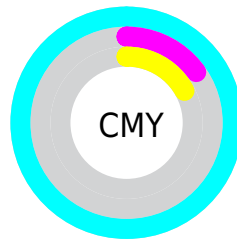
- Red (0%)
- Green (85%)
- Blue (83%)



- Red (0%)
- Yellow (44%)
- Blue (85%)



- Cyan (100%)
- Magenta (0%)
- Yellow (3%)
- Black (15%)



- Cyan (100%)
- Magenta (15%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00DAD4 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 00DAD4 by changing the saturation by 10% instead.



 00DAD4

FFFFFF

 6EFFFF

 90FFFF

 B0FFFF

 D0FFFF

 F0FFFF

 00DAD4

 00BEB8

 00A29E

 008783

 006D6A

 005452

 003C3B

 002626

 000111

 000000

 00DAD4

 16DAD5

 2CDAD5

 41DAD6

 57DAD6

 6DDAD7

 83DAD8

 99DAD8

 AEDAD9

 C4DAD9

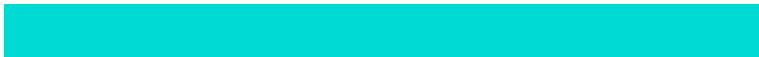
# Harmonies

## Analogous

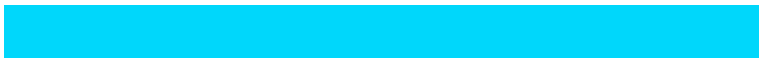
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67D8A8



00DAD4



00D7FB

# Triad

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



00DAD4



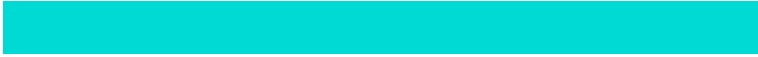
DEB2FF



F4B873

# Complementary

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



00DAD4



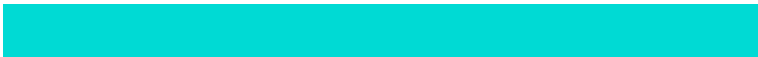
DA0006

# 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.



FFAA8D



00DAD4



FFA5DE

# Square

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



00DAD4



A1C2FF



FFA2B4



CEC76F

# Rectangle

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



00DAD4



28D2FF



FFA2B4

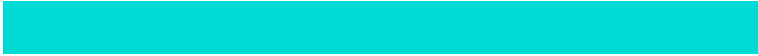


FFB37A



# Sweetspot

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



00DAD4



B3FFFD



07DA00



52807E



000000



808080



# Same Dimension

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



00DAD4



00FFF8



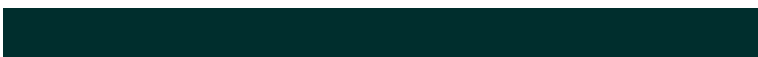
0074DA



636E6D



00ADA9



002E2D



# Inverse Universe

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



DA0006



FF0007



DA6600



6E6363



AD0005

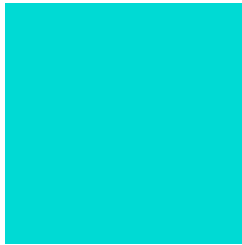


2E0001



# Previews

## White Background



This preview shows how the Hex color 00DAD4 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 00DAD4 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 00DAD4 Background



This preview shows how black text looks on a background with the Hex color 00DAD4.

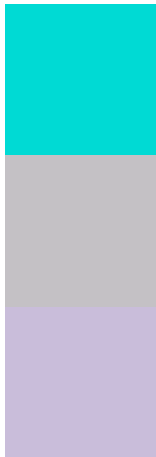


This preview shows how white text looks on a background with the Hex color 00DAD4.

# 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](#).

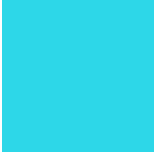
## Dichromacy



**Original Color**  
00DAD4

**Protanopia**  
C4C1C5

**Deuteranopia**  
C9BDDA



**Tritanopia**  
2DD7E8

# Trichromacy



**Original Color**

00DAD4



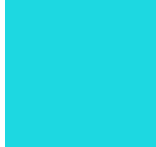
**Protanomaly**

7DCACA



**Deuteranomaly**

80C8D8



**Tritanomaly**

1DD8E1

# Monochromacy



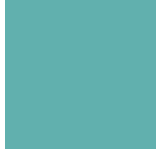
**Original Color**

00DAD4



**Achromatopsia**

989898



**Achromatomaly**

61B0AE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00DAD4 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 #00DAD4 looks like.

```
.text, #text, p{  
    color:#00DAD4  
}
```

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 #00DAD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00DAD4
}
```

## Border

The CSS property to change the border of an element to Hex 00DAD4 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
#00DAD4 }
```

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

```
.border{ border-color:#00DAD4 }
```

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

Here you see how a box with a 4 pixel #00DAD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00DAD4; -webkit-box-shadow:4px 4px  
4px 4px #00DAD4; box-shadow:4px 4px 4px  
4px #00DAD4 }
```

# Background

The CSS property to change the background color of an element to Hex 00DAD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00DAD4 }
```

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

```
.background{ background-color:#00DAD4 }
```

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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