

Converting Colors

Hex(00DAD1)

Have a look what the booklet for
Hex(00DAD1) contains.

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Color

Hex(00DAD1)

Conversions

Conversions Part 1

Format	Color
Hex	00DAD1
RGB	0, 218, 209
RGB Percent	0%, 85%, 82%
CMY	1.0000, 0.1451, 0.1804
CMYK	1.00, 0.00, 0.04, 0.15
HSL	178°, 100%, 43%
HSV	178°, 100%, 85%
XYZ	36.5800, 54.7463, 68.9607
YIQ	151.7920, -127.0390, -49.0150

Conversions

Conversions Part 2

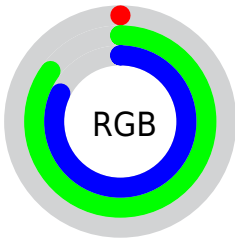
Format	Color
RYB	0, 111, 218
Decimal	56017
CIELab	78.89, -45.33, -8.14
CIELCh	79, 46.059, 190.184
Yxy	54.7463, 0.2282, 0.3416
Android (android.graphics.Color)	4278246097 (0xFF00DAD1)
YUV	151.7920, 28.2035, -133.1216
Hunter-Lab	73.9907, -41.2357, -3.4659

Details

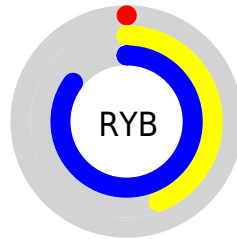
The Hex color **00DAD1** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **DA0009**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **6EFFFF**, and **00A29B** is the 20% darker color. If you saturate the color by 10%, you get **00DAD1**, and if you desaturate by 10%, it is **16DAD2**.

Distribution



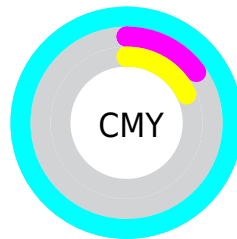
- Red (0%)
- Green (85%)
- Blue (82%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (4%)
- Black (15%)



- Cyan (100%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00DAD1 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 00DAD1 by changing the saturation by 10% instead.

 00DAD1

FFFFFF

 6EFFFF

 8FFFFFF

 B0FFFF

 D0FFFF

 EFFFFFF

 00DAD1

 00BEB5

 00A29B


 008781

 006D68

 005450

 003B39

 002623

 00010F

 000000

00DAD1

16DAD2

2CDAD3

41DAD4

57DAD5

6DDAD6

83DAD6

99DAD7

AEDAD8

C4DAD9

Harmonies

Analogous

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



6AD8A5



00DAD1



00D7F9

Triad

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



00DAD1



DBB3FF



F7B773

Complementary

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



00DAD1



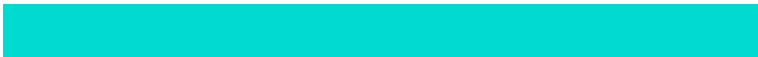
DA0009

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.



FFA98E



00DAD1



FFA5E1

Square

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



00DAD1



9BC3FF



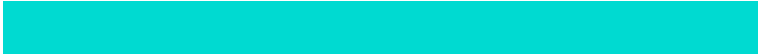
FFA1B6



D0C66D

Rectangle

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



00DAD1



0ED3FF



FFA1B6



FFB27A

Sweetspot

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



00DAD1



B3FFFC



0BDA00



52807E



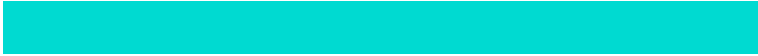
000000



808080

Same Dimension

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



00DAD1



00FFF4



0078DA



636E6D



00ADA6



002E2C

Inverse Universe

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



DA0009



FF000B



DA6200



6E6363



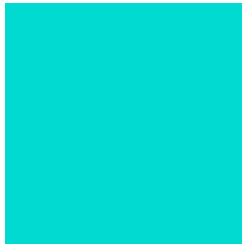
AD0007



2E0002

Previews

White Background



This preview shows how the Hex color 00DAD1 looks on a white background.

Color Contrast Check

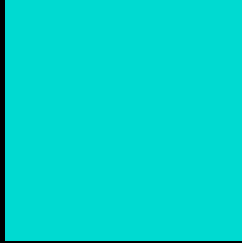
Large Text (above 18pt) WCAG AA × Fail

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 00DAD1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

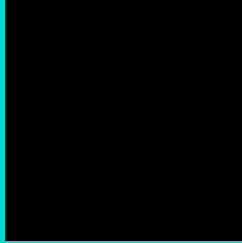
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

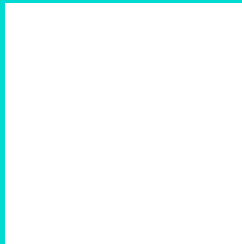
Any Text WCAG AAA ✓ Pass

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

Hex 00DAD1 Background



This preview shows how black text looks on a background with the Hex color 00DAD1.

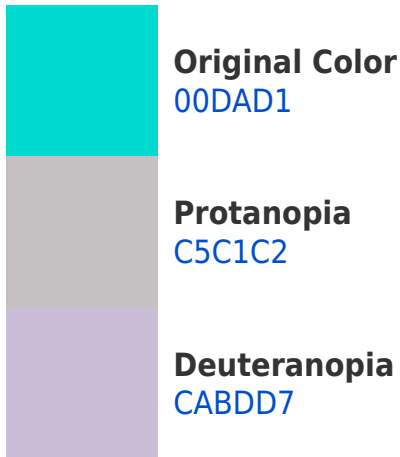


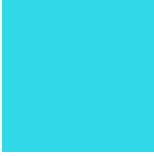
This preview shows how white text looks on a background with the Hex color 00DAD1.

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
2FD7E8

Trichromacy



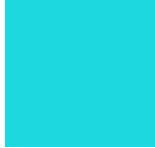
Original Color
00DAD1



Protanomaly
7DCAC7



Deuteranomaly
81C8D5



Tritanomaly
1ED8E0

Monochromacy



Original Color
00DAD1



Achromatopsia
989898



Achromatomaly
61B0AD

CSS Examples

Text

The CSS property to change the color of the text to Hex 00DAD1 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 #00DAD1 looks like.

```
.text, #text, p{  
    color:#00DAD1  
}
```

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 #00DAD1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00DAD1
}
```

Border

The CSS property to change the border of an element to Hex 00DAD1 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
#00DAD1 }
```

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

```
.border{ border-color:#00DAD1 }
```

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

Here you see how a box with a 4 pixel #00DAD1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00DAD1; -webkit-box-shadow:4px 4px  
4px 4px #00DAD1; box-shadow:4px 4px 4px  
4px #00DAD1 }
```

Background

The CSS property to change the background color of an element to Hex 00DAD1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00DAD1 }
```

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

```
.background{ background-color:#00DAD1 }
```

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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