

# Converting Colors

Hex(00DAD0)

Have a look what the booklet for  
Hex(00DAD0) contains.

<b>Hex(00DAD0)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(00DAD0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00DAD0
RGB	0, 218, 208
RGB Percent	0%, 85%, 82%
CMY	1.0000, 0.1451, 0.1843
CMYK	1.00, 0.00, 0.05, 0.15
HSL	177°, 100%, 43%
HSV	177°, 100%, 85%
XYZ	36.4566, 54.6969, 68.3106
YIQ	151.6780, -126.7180, -49.3260

# Conversions

## Conversions Part 2

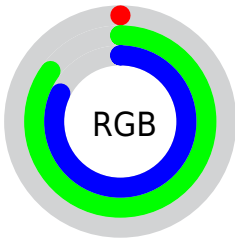
Format	Color
<a href="#">RYB</a>	<a href="#">0, 112, 218</a>
Decimal	<a href="#">56016</a>
CIELab	<a href="#">78.87, -45.62, -7.65</a>
CIELCh	<a href="#">79, 46.257, 189.521</a>
Yxy	<a href="#">54.6969, 0.2286, 0.3430</a>
Android (android.graphics.Color)	<a href="#">4278246096</a> ( <a href="#">0xFF00DAD0</a> )
YUV	<a href="#">151.6780, 27.7667, -133.0216</a>
Hunter-Lab	<a href="#">73.9573, -41.4354, -2.9930</a>

# Details

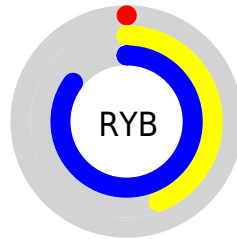
The Hex color **00DAD0** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **DA000A**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **6EFFFF**, and **00A29A** is the 20% darker color. If you saturate the color by 10%, you get **00DAD0**, and if you desaturate by 10%, it is **16DAD1**.

# Distribution



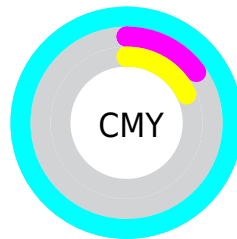
- Red (0%)
- Green (85%)
- Blue (82%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (5%)
- Black (15%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 00DAD0 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 00DAD0 by changing the saturation by 10% instead.



 00DAD0

 00DAD0

FFFFFF

 00BEB4

 6EFFFF

 00A29A

 8FFFFFF

 008780

 B0FFFF

 006D67

 CFFFFFF

 00544F

 EFFFFFF

 003B38

 002623

 00010E

 000000

 00DAD0

 16DAD1

 2CDAD2

 41DAD3

 57DAD4

 6DDAD5

 83DAD6

 99DAD7

 AEDAD8

 C4DAD9

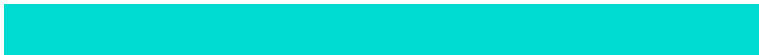
# Harmonies

## Analogous

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



6BD8A4



00DAD0



00D8F9

# Triad

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



00DAD0



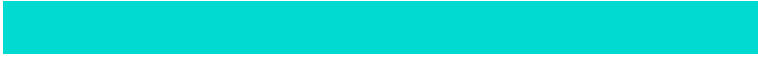
DAB3FF



F7B673

# Complementary

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



00DAD0



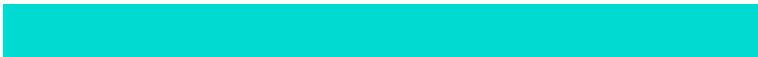
DA000A

# 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.



FFA88F



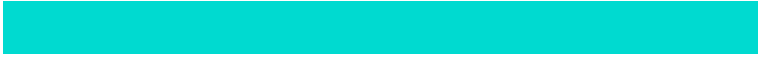
00DAD0



FFA5E2

# Square

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



00DAD0



99C3FF



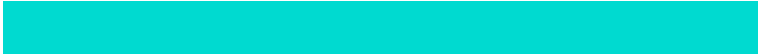
FFA1B7



D1C56D

# Rectangle

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



00DAD0



00D3FF



FFA1B7

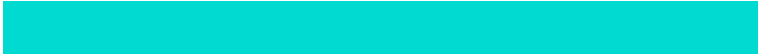


FFB17A

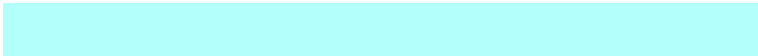


# Sweetspot

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



00DAD0



B3FFFB



0BDA00



52807D



000000

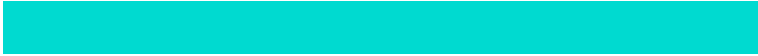


808080



# Same Dimension

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



00DAD0



00FFF3



0078DA



636E6D



00ADA5



002E2C



# Inverse Universe

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



DA000A



FF000C



DA6200



6E6363



AD0008

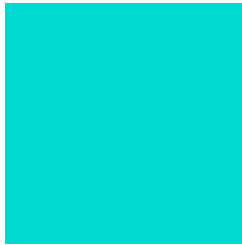


2E0002



# Previews

## White Background



This preview shows how the Hex color 00DAD0 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 00DAD0 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

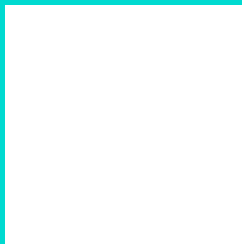
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00DAD0 Background



This preview shows how black text looks on a background with the Hex color 00DAD0.

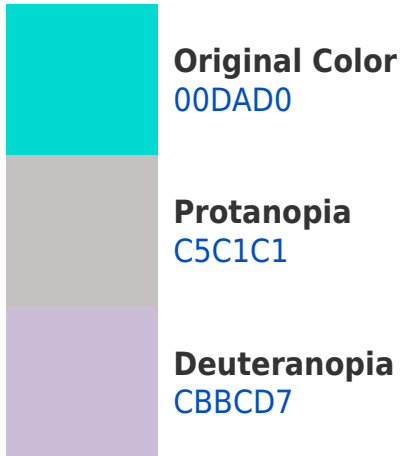


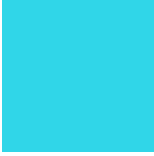
This preview shows how white text looks on a background with the Hex color 00DAD0.

# 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**  
30D6E8

# Trichromacy



**Original Color**  
00DAD0



**Protanomaly**  
7DCAC6



**Deuteranomaly**  
81C7D4



**Tritanomaly**  
1FD7DF

# Monochromacy



**Original Color**  
00DAD0



**Achromatopsia**  
989898



**Achromatomaly**  
61B0AC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00DAD0 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 #00DAD0 looks like.

```
.text, #text, p{  
    color:#00DAD0  
}
```

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 #00DAD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00DAD0  
}
```

## Border

The CSS property to change the border of an element to Hex 00DAD0 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  
#00DAD0 }
```

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

```
.border{ border-color:#00DAD0 }
```

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

Here you see how a box with a 4 pixel #00DAD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00DAD0; -webkit-box-shadow:4px 4px  
4px 4px #00DAD0; box-shadow:4px 4px 4px  
4px #00DAD0 }
```

# Background

The CSS property to change the background color of an element to Hex 00DAD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00DAD0 }
```

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

```
.background{ background-color:#00DAD0 }
```

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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