

# Converting Colors

Hex(0DD8AB)

Have a look what the booklet for  
Hex(0DD8AB) contains.

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**Color**

**Hex(0DD8AB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0DD8AB
RGB	13, 216, 171
RGB Percent	5%, 85%, 67%
CMY	0.9490, 0.1529, 0.3294
CMYK	0.94, 0.00, 0.21, 0.15
HSL	167°, 89%, 45%
HSV	167°, 94%, 85%
XYZ	32.0725, 52.1376, 46.9012
YIQ	150.1730, -106.5430, -57.0310

# Conversions

## Conversions Part 2

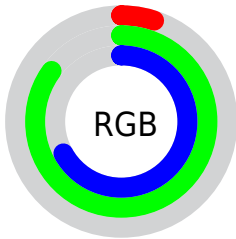
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">13, 127, 216</a>
Decimal	<a href="#">907435</a>
CIELab	<a href="#">77.36, -54.33, 9.93</a>
CIELCh	<a href="#">77, 55.228, 169.646</a>
Yxy	<a href="#">52.1376, 0.2446, 0.3977</a>
Android (android.graphics.Color)	<a href="#">4279097515 (0xFF0DD8AB)</a>
YUV	<a href="#">150.1730, 10.2677, -120.3007</a>
Hunter-Lab	<a href="#">72.2064, -47.0752, 12.0330</a>

# Details

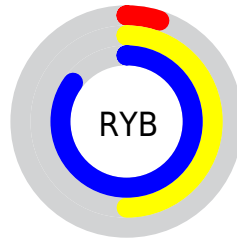
The Hex color **0DD8AB** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **D80D3A**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **6CFFE2**, and **00A077** is the 20% darker color. If you saturate the color by 10%, you get **00D8A8**, and if you desaturate by 10%, it is **23D8B0**.

# Distribution



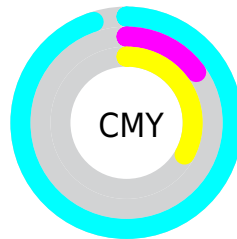
- Red (5%)
- Green (85%)
- Blue (67%)



- Red (5%)
- Yellow (50%)
- Blue (85%)



- Cyan (94%)
- Magenta (0%)
- Yellow (21%)
- Black (15%)



- Cyan (95%)
- Magenta (15%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0DD8AB 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 0DD8AB by changing the saturation by 10% instead.



 0DD8AB

 0DD8AB

FFFFFF

 00BC90

 6CFFE2

 00A077

 8DFFFF

 00855E

 ADFFFF

 006B46

 CCFFFF

 005130

 EBFFFF

 00391B

 002101

 000000

 0DD8AB

 0DD8AB

 00D8A8

 23D8B0

 38D8B5

 4ED8B9

 63D8BE

 79D8C3

 8FD8C8

 A4D8CD

 BAD8D1

 CFD8D6

# Harmonies

## Analogous

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



81D27A



0DD8AB



00D9E0

# Triad

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



0DD8AB



A6B9FF



FFA373

# Complementary

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



0DD8AB



D80D3A

# 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.



FF969F



0DD8AB



EDA5FF

# Square

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



0DD8AB



1BCAFF



FF96D3



EDB658

# Rectangle

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



0DD8AB



00D7FF



FF96D3

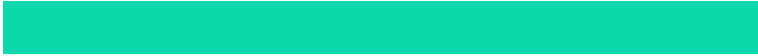


FF9E80

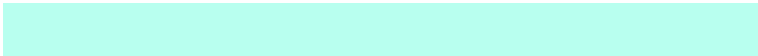


# Sweetspot

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



0DD8AB



B8FFEF



3CD80D



548076



000000



808080



# Same Dimension

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



0DD8AB



00FFC6



0DA2D8



606B69



00AB85



002B22



# Inverse Universe

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



D80D3A



FF0039



D8430D



6B6063



AB0026

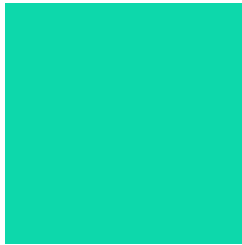


2B000A



# Previews

## White Background



This preview shows how the Hex color 0DD8AB looks on a white background.

## Color Contrast Check

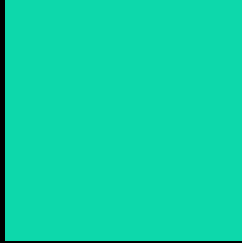
Large Text (above 18pt) WCAG AA × Fail

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 0DD8AB 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

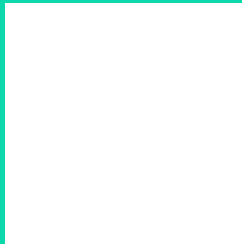
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0DD8AB Background



This preview shows how black text looks on a background with the Hex color 0DD8AB.

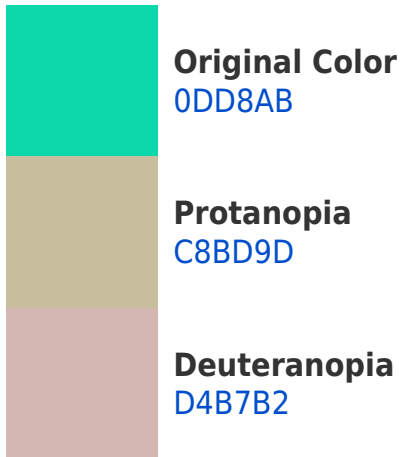


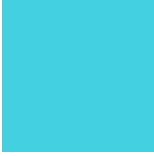
This preview shows how white text looks on a background with the Hex color 0DD8AB.

# 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



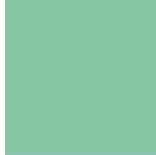


**Tritanopia**  
43D1E2

# Trichromacy



**Original Color**  
0DD8AB



**Protanomaly**  
84C7A2

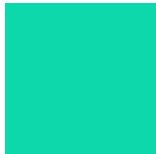


**Deuteranomaly**  
8CC3AF



**Tritanomaly**  
2FD4CE

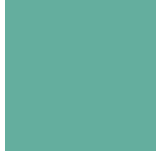
# Monochromacy



**Original Color**  
0DD8AB



**Achromatopsia**  
969696



**Achromatomaly**  
64AE9E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0DD8AB 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 #0DD8AB looks like.

```
.text, #text, p{  
    color:#0DD8AB  
}
```

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 #0DD8AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0DD8AB
}
```

## Border

The CSS property to change the border of an element to Hex 0DD8AB 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
#0DD8AB }
```

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

```
.border{ border-color:#0DD8AB }
```

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

Here you see how a box with a 4 pixel #0DD8AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0DD8AB; -webkit-box-shadow:4px 4px  
4px 4px #0DD8AB; box-shadow:4px 4px 4px  
4px #0DD8AB }
```

# Background

The CSS property to change the background color of an element to Hex 0DD8AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0DD8AB }
```

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

```
.background{ background-color:#0DD8AB }
```

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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