

# Converting Colors

Hex(0AD9B6)

Have a look what the booklet for  
Hex(0AD9B6) contains.

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# Color

**Hex(0AD9B6)**

# Conversions

## Conversions Part 1

| Format      | Color                         |
|-------------|-------------------------------|
| Hex         | 0AD9B6                        |
| RGB         | 10, 217, 182                  |
| RGB Percent | 4%, 85%, 71%                  |
| CMY         | 0.9608, 0.1490, 0.2863        |
| CMYK        | 0.95, 0.00, 0.16, 0.15        |
| HSL         | 170°, 91%, 45%                |
| HSV         | 170°, 95%, 85%                |
| XYZ         | 33.3815, 53.0676, 52.7397     |
| YIQ         | 151.1170, -112.1370, -54.7690 |

# Conversions

## Conversions Part 2

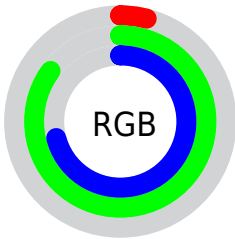
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">10, 123, 217</a>                                 |
| Decimal                             | <a href="#">711094</a>                                       |
| CIELab                              | <a href="#">77.91, -52.03, 4.85</a>                          |
| CIELCh                              | <a href="#">78, 52.261, 174.671</a>                          |
| Yxy                                 | <a href="#">53.0676, 0.2398, 0.3813</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4278901174</a><br>( <a href="#">0xFF0AD9B6</a> ) |
| YUV                                 | <a href="#">151.1170, 15.2253, -123.7596</a>                 |
| Hunter-Lab                          | <a href="#">72.8475, -45.6877, 8.0689</a>                    |

# Details

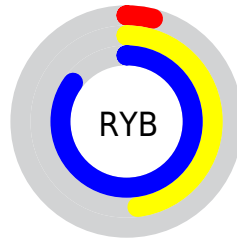
The Hex color **0AD9B6** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **D90A2D**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **6DFEE**, and **00A181** is the 20% darker color. If you saturate the color by 10%, you get **00D9B4**, and if you desaturate by 10%, it is **20D9BA**.

# Distribution



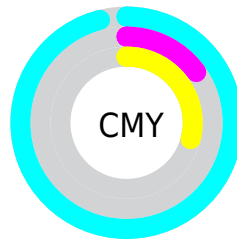
- Red (4%)
- Green (85%)
- Blue (71%)



- Red (4%)
- Yellow (48%)
- Blue (85%)



- Cyan (95%)
- Magenta (0%)
- Yellow (16%)
- Black (15%)



- Cyan (96%)
- Magenta (15%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0AD9B6 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 0AD9B6 by changing the saturation by 10% instead.



 0AD9B6

 0AD9B6

FFFFFF

 00BD9B

 6DFFEE

 00A181

 8EFFFF

 008668

 AEFFFF

 006C50

 CDFFFF

 005239

 ECFFFF

 003A24

 00230F

 000000

 0AD9B6

 0AD9B6

00D9B4

20D9BA

35D9BD

4BD9C1

61D9C5

77D9C8

8CD9CC

A2D9D0

B8D9D3

CDD9D7

# Harmonies

## Analogous

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



7BD487



0AD9B6



00D9E8

# Triad

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



0AD9B6



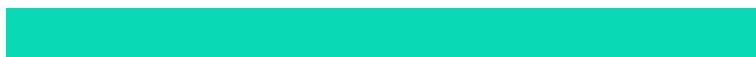
B7B7FF



FFA973

# Complementary

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



0AD9B6



D90A2D

# 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.



FF9B9B



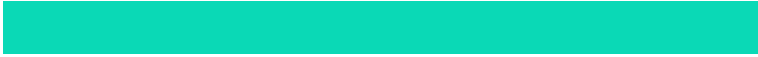
0AD9B6



F5A5F9

# Square

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



0AD9B6



57C8FF



FF99CB



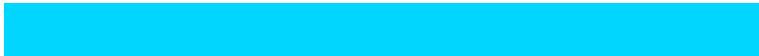
E6BB5E

# Rectangle

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



0AD9B6



00D6FF



FF99CB



FFA47F

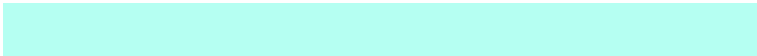


# Sweetspot

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



0AD9B6



B5FFF2



30D90A



538078



000000

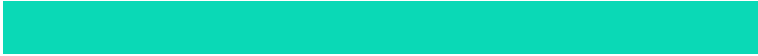


808080



# Same Dimension

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



0AD9B6



00FFD4



0A97D9



636E6C



00AD90



002E26



# Inverse Universe

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



D90A2D



FF002B



D94C0A



6E6365



AD001D

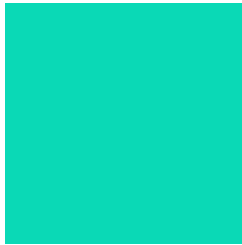


2E0008



# Previews

## White Background



This preview shows how the Hex color 0AD9B6 looks on a white background.

## Color Contrast Check

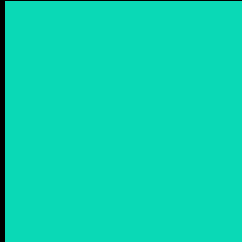
Large Text (above 18pt) WCAG AA × Fail

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 0AD9B6 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 0AD9B6 Background



This preview shows how black text looks on a background with the Hex color 0AD9B6.

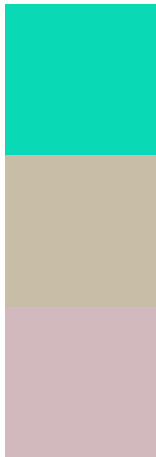


This preview shows how white text looks on a background with the Hex color 0AD9B6.

# 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](#).

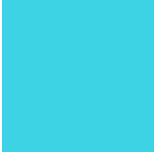
## Dichromacy



**Original Color**  
0AD9B6

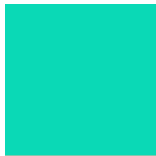
**Protanopia**  
C8BEA8

**Deuteranopia**  
D2B9BD



**Tritanopia**  
3ED3E4

# Trichromacy



**Original Color**  
0AD9B6



**Protanomaly**  
83C8AD



**Deuteranomaly**  
89C5BA



**Tritanomaly**  
2BD5D3

# Monochromacy



**Original Color**  
0AD9B6



**Achromatopsia**  
979797



**Achromatomaly**  
64AFA2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0AD9B6 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 #0AD9B6 looks like.

```
.text, #text, p{  
    color:#0AD9B6  
}
```

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 #0AD9B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0AD9B6
}
```

## Border

The CSS property to change the border of an element to Hex 0AD9B6 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
#0AD9B6 }
```

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

```
.border{ border-color:#0AD9B6 }
```

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

Here you see how a box with a 4 pixel #0AD9B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0AD9B6; -webkit-box-shadow:4px 4px  
4px 4px #0AD9B6; box-shadow:4px 4px 4px  
4px #0AD9B6 }
```

# Background

The CSS property to change the background color of an element to Hex 0AD9B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0AD9B6 }
```

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

```
.background{ background-color:#0AD9B6 }
```

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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