

# Converting Colors

Hex(1AD8C9)

Have a look what the booklet for  
Hex(1AD8C9) contains.

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# Color

Hex(1AD8C9)

# Conversions

## Conversions Part 1

Format	Color
Hex	1AD8C9
RGB	26, 216, 201
RGB Percent	10%, 85%, 79%
CMY	0.8980, 0.1529, 0.2118
CMYK	0.88, 0.00, 0.07, 0.15
HSL	175°, 79%, 47%
HSV	175°, 88%, 85%
XYZ	35.5245, 53.5484, 63.7219
YIQ	157.4800, -108.4250, -44.9450

# Conversions

## Conversions Part 2

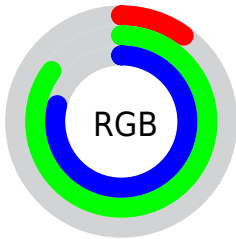
Format	Color
<a href="#">RYB</a>	<a href="#">26, 125, 216</a>
Decimal	<a href="#">1759433</a>
CIELab	<a href="#">78.20, -45.86, -4.88</a>
CIElCh	<a href="#">78, 46.120, 186.076</a>
Yxy	<a href="#">53.5484, 0.2325, 0.3505</a>
Android (android.graphics.Color)	<a href="#">4279949513</a> ( <a href="#">0xFF1AD8C9</a> )
YUV	<a href="#">157.4800, 21.4554, -115.3080</a>
Hunter-Lab	<a href="#">73.1768, -41.4045, -0.4056</a>

# Details

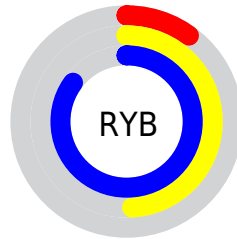
The Hex color **1AD8C9** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **D81A29**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **72FFFF**, and **00A093** is the 20% darker color. If you saturate the color by 10%, you get **04D8C7**, and if you desaturate by 10%, it is **30D8CB**.

# Distribution



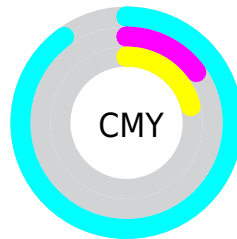
- Red (10%)
- Green (85%)
- Blue (79%)



- Red (10%)
- Yellow (49%)
- Blue (85%)



- Cyan (88%)
- Magenta (0%)
- Yellow (7%)
- Black (15%)



- Cyan (90%)
- Magenta (15%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1AD8C9 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 1AD8C9 by changing the saturation by 10% instead.



 1AD8C9

 1AD8C9

FFFFFF

 00BCAE

 72FFFF

 00A093

 93FFFF

 008579

 B2FFFF

 006B61

 D2FFFF

 005249

 F1FFFF

 003A33

 00241E

 000004

 000000

 1AD8C9

 1AD8C9

 04D8C7

 30D8CB

 00D8C7

 45D8CC

 5BD8CE

 70D8D0

 86D8D2

 9CD8D3

 B1D8D5

 C7D8D7

 DCD8D8

# Harmonies

## Analogous

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



70D59D



1AD8C9



00D6F2

# Triad

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



1AD8C9



D1B3FF



F9B374

# Complementary

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



1AD8C9



D81A29

# 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.



FFA591



1AD8C9



FEA5E5

# Square

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



1AD8C9



8FC3FF



FF9FBA



D4C26B

# Rectangle

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



1AD8C9



00D2FF



FF9FBA



FFAE7C



# Sweetspot

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



1AD8C9



BDFFFA



2AD81A



58807C



000000



808080



# Same Dimension

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



1AD8C9



00FFEB



1A89D8



606B6A



00AB9D



002B28



# Inverse Universe

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



D81A29



FF0014



D8691A



6B6061



AB000D

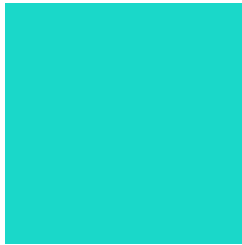


2B0003



# Previews

## White Background



This preview shows how the Hex color 1AD8C9 looks on a white background.

## Color Contrast Check

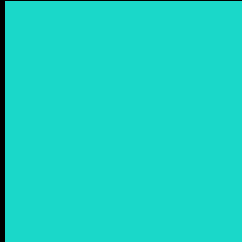
Large Text (above 18pt) WCAG AA × Fail

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 1AD8C9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

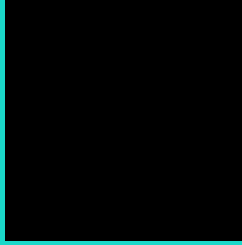
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

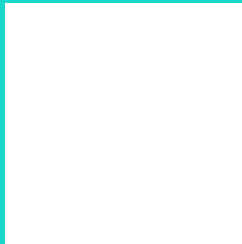
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1AD8C9 Background



This preview shows how black text looks on a background with the Hex color 1AD8C9.



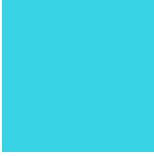
This preview shows how white text looks on a background with the Hex color 1AD8C9.

# 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](#).

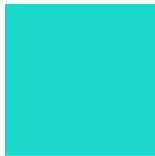
## Dichromacy



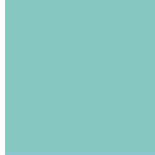


**Tritanopia**  
38D4E5

# Trichromacy



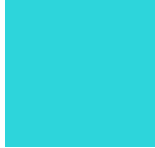
**Original Color**  
1AD8C9



**Protanomaly**  
86C8BF

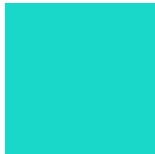


**Deuteranomaly**  
8BC5CD



**Tritanomaly**  
2DD5DB

# Monochromacy



**Original Color**  
1AD8C9



**Achromatopsia**  
9D9D9D



**Achromatomaly**  
6DB2AD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1AD8C9 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 #1AD8C9 looks like.

```
.text, #text, p{  
    color:#1AD8C9  
}
```

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 #1AD8C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1AD8C9
}
```

## Border

The CSS property to change the border of an element to Hex 1AD8C9 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
#1AD8C9 }
```

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

```
.border{ border-color:#1AD8C9 }
```

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

Here you see how a box with a 4 pixel #1AD8C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1AD8C9; -webkit-box-shadow:4px 4px  
4px 4px #1AD8C9; box-shadow:4px 4px 4px  
4px #1AD8C9 }
```

# Background

The CSS property to change the background color of an element to Hex 1AD8C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1AD8C9 }
```

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

```
.background{ background-color:#1AD8C9 }
```

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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