

Converting Colors

Hex(2AD1CA)

Have a look what the booklet for
Hex(2AD1CA) contains.

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Color

Hex(2AD1CA)

Conversions

Conversions Part 1

Format	Color
Hex	2AD1CA
RGB	42, 209, 202
RGB Percent	16%, 82%, 79%
CMY	0.8353, 0.1804, 0.2078
CMYK	0.80, 0.00, 0.03, 0.18
HSL	177°, 67%, 49%
HSV	177°, 80%, 82%
XYZ	34.4160, 50.3574, 63.7832
YIQ	158.2690, -97.2850, -37.5810

Conversions

Conversions Part 2

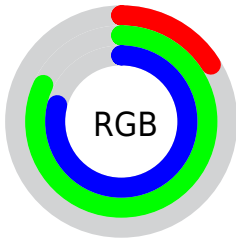
Format	Color
RYB	42, 127, 209
Decimal	2806218
CIELab	76.29, -41.42, -8.23
CIELCh	76, 42.225, 191.235
Yxy	50.3574, 0.2317, 0.3390
Android (android.graphics.Color)	4280996298 (0xFF2AD1CA)
YUV	158.2690, 21.5594, -101.9679
Hunter-Lab	70.9630, -37.6154, -3.6171

Details

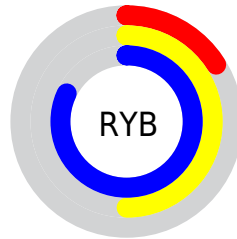
The Hex color **2AD1CA** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **D12A31**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **77FFFF**, and **009A94** is the 20% darker color. If you saturate the color by 10%, you get **15D1C9**, and if you desaturate by 10%, it is **3FD1CB**.

Distribution



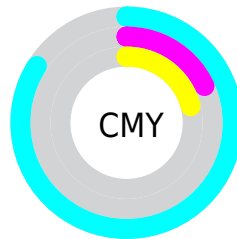
- Red (16%)
- Green (82%)
- Blue (79%)



- Red (16%)
- Yellow (50%)
- Blue (82%)



- Cyan (80%)
- Magenta (0%)
- Yellow (3%)
- Black (18%)



- Cyan (84%)
- Magenta (18%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2AD1CA 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 2AD1CA by changing the saturation by 10% instead.

 2AD1CA

 2AD1CA

FFFFFF

 00B5AF

 77FFFF

 009A94

 97FFFF

 007F7A

 B6FFFF

 006562

 D5FFFF

 004D4A

 F4FFFF

 003533

 001F1E

 000004

 000000

■ 2AD1CA

■ 2AD1CA

■ 15D1C9

■ 3FD1CB

■ 00D1C8

■ 54D1CC

■ 69D1CD

■ 7ED1CE

■ 93D1CE

■ A7D1CF

■ BCD1D0

■ D1D1D1

■ E6D1D2

Harmonies

Analogous

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



6ACFA2



2AD1CA



00CEEE

Triad

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



2AD1CA



D3ADF7



EAB173

Complementary

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



2AD1CA



D12A31

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.



FFA48B



2AD1CA



F9A1D6

Square

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



2AD1CA



9BBBFF



FF9EAF



C7BF6E

Rectangle

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



2AD1CA



38CAFF



FF9EAF



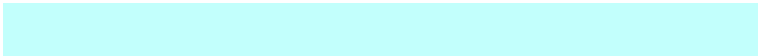
F4AD79

Sweetspot

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



2AD1CA



C2FFFC



32D12A



5B807E



000000



808080

Same Dimension

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



2AD1CA



0AFF5



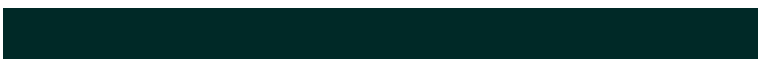
2A86D1



5E6968



00A8A1



002927

Inverse Universe

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



D12A31



FF0A14



D1752A



695E5F



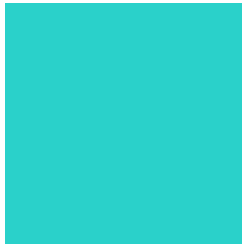
A80007



290002

Previews

White Background



This preview shows how the Hex color 2AD1CA looks on a white background.

Color Contrast Check

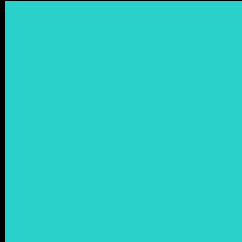
Large Text (above 18pt) WCAG AA × Fail

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 2AD1CA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

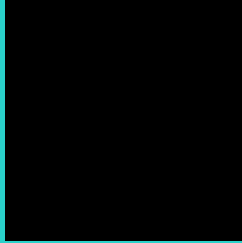
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

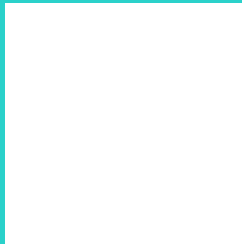
Any Text WCAG AAA ✓ Pass

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

Hex 2AD1CA Background



This preview shows how black text looks on a background with the Hex color 2AD1CA.

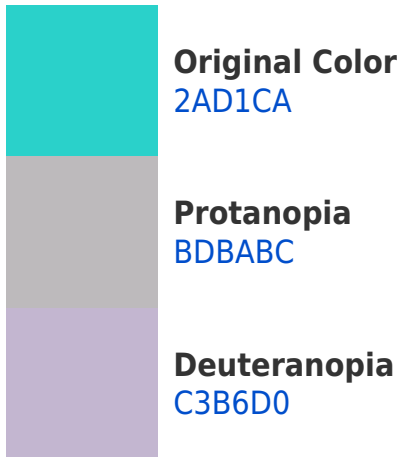


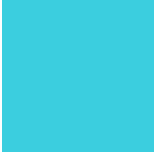
This preview shows how white text looks on a background with the Hex color 2AD1CA.

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
3BCEDF

Trichromacy



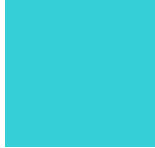
Original Color
2AD1CA



Protanomaly
88C2C1



Deuteranomaly
8BC0CE



Tritanomaly
35CFD7

Monochromacy



Original Color
2AD1CA



Achromatopsia
9E9E9E



Achromatomaly
74B1AE

CSS Examples

Text

The CSS property to change the color of the text to Hex 2AD1CA 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 #2AD1CA looks like.

```
.text, #text, p{  
    color:#2AD1CA  
}
```

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 #2AD1CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AD1CA
}
```

Border

The CSS property to change the border of an element to Hex 2AD1CA 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
#2AD1CA }
```

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

```
.border{ border-color:#2AD1CA }
```

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

Here you see how a box with a 4 pixel #2AD1CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AD1CA; -webkit-box-shadow:4px 4px  
4px 4px #2AD1CA; box-shadow:4px 4px 4px  
4px #2AD1CA }
```

Background

The CSS property to change the background color of an element to Hex 2AD1CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AD1CA }
```

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

```
.background{ background-color:#2AD1CA }
```

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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