

Converting Colors

Hex(2AD6BE)

Have a look what the booklet for
Hex(2AD6BE) contains.

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Color

Hex(2AD6BE)

Conversions

Conversions Part 1

Format	Color
Hex	2AD6BE
RGB	42, 214, 190
RGB Percent	16%, 84%, 75%
CMY	0.8353, 0.1608, 0.2549
CMYK	0.80, 0.00, 0.11, 0.16
HSL	172°, 68%, 50%
HSV	172°, 80%, 84%
XYZ	34.2957, 52.3031, 57.0031
YIQ	159.8360, -94.8080, -43.9280

Conversions

Conversions Part 2

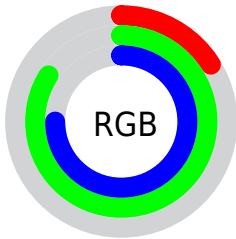
Format	Color
R _Y B	42, 134, 214
Decimal	2807486
CIE Lab	77.46, -46.89, -0.05
CIE LCh	77, 46.890, 180.062
Yxy	52.3031, 0.2388, 0.3642
Android (android.graphics.Color)	4280997566 (0xFF2AD6BE)
YUV	159.8360, 14.8709, -103.3422
Hunter-Lab	72.3209, -41.9141, 3.8924

Details

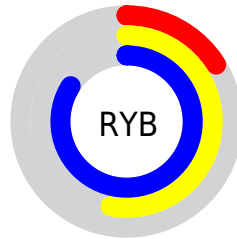
The Hex color **2AD6BE** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed spring green. A complement of this color would be **D62A42**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **77FFF6**, and **009E89** is the 20% darker color. If you saturate the color by 10%, you get **15D6BB**, and if you desaturate by 10%, it is **3FD6C1**.

Distribution



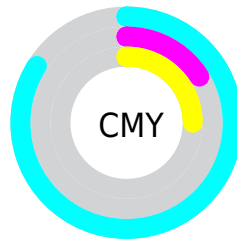
- Red (16%)
- Green (84%)
- Blue (75%)



- Red (16%)
- Yellow (53%)
- Blue (84%)



- Cyan (80%)
- Magenta (0%)
- Yellow (11%)
- Black (16%)



- Cyan (84%)
- Magenta (16%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2AD6BE 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 2AD6BE by changing the saturation by 10% instead.

 2AD6BE

 2AD6BE

FFFFFF

 00BAA3

 77FFF6

 009E89

 97FFFF

 00836F

 B6FFFF

 006957

 D5FFFF

 005040

 F4FFFF

 00382A

 002216

 000000

 2AD6BE

 2AD6BE

■ 15D6BB

■ 3FD6C1

■ 00D6B8

■ 55D6C4

■ 6AD6C7

■ 80D6CA

■ 95D6CD

■ AAD6D0

■ C0D6D3

■ D5D6D6

■ EBD6D9

Harmonies

Analogous

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



79D292



2AD6BE



00D5EA

Triad

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



2AD6BE



C3B4FF



FDAD75

Complementary

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



2AD6BE



D62A42

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.



FFA096



2AD6BE



F6A5EB

Square

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



2AD6BE



7BC4FF



FF9CC1



DBBD67

Rectangle

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



2AD6BE



00D2FF



FF9CC1



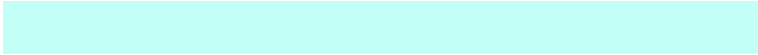
FFA97E

Sweetspot

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



2AD6BE



C2FFF6



44D62A



5B807A



000000



808080

Same Dimension

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



2AD6BE



0AFFDD



2A9AD6



606B6A



00AB93



002B25

Inverse Universe

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



D62A42



FF0A2C



D6662A



6B6062



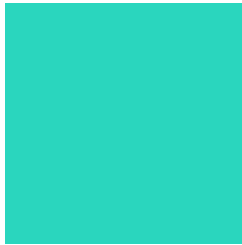
AB0018



2B0006

Previews

White Background



This preview shows how the Hex color 2AD6BE 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 2AD6BE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

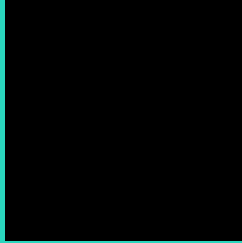
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

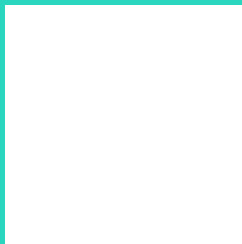
Any Text WCAG AAA ✓ Pass

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

Hex 2AD6BE Background



This preview shows how black text looks on a background with the Hex color 2AD6BE.

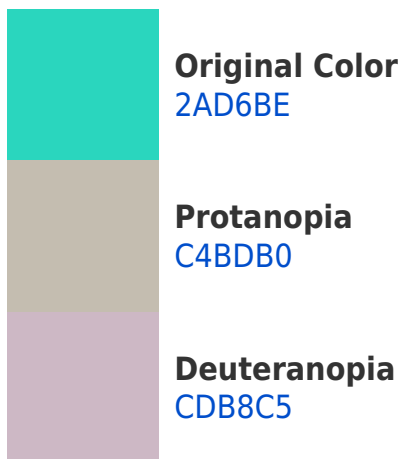


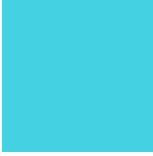
This preview shows how white text looks on a background with the Hex color 2AD6BE.

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](#).

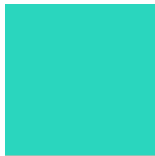
Dichromacy



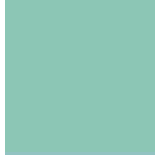


Tritanopia
44D1E2

Trichromacy



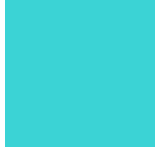
Original Color
2AD6BE



Protanomaly
8CC6B5



Deuteranomaly
92C3C2



Tritanomaly
3BD3D5

Monochromacy



Original Color
2AD6BE



Achromatopsia
A0A0A0



Achromatomaly
75B4AB

CSS Examples

Text

The CSS property to change the color of the text to Hex 2AD6BE 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 #2AD6BE looks like.

```
.text, #text, p{  
    color:#2AD6BE  
}
```

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 #2AD6BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AD6BE
}
```

Border

The CSS property to change the border of an element to Hex 2AD6BE 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
#2AD6BE }
```

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

```
.border{ border-color:#2AD6BE }
```

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

Here you see how a box with a 4 pixel #2AD6BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AD6BE; -webkit-box-shadow:4px 4px  
4px 4px #2AD6BE; box-shadow:4px 4px 4px  
4px #2AD6BE }
```

Background

The CSS property to change the background color of an element to Hex 2AD6BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AD6BE }
```

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

```
.background{ background-color:#2AD6BE }
```

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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