

Converting Colors

Hex(2AD3A3)

Have a look what the booklet for
Hex(2AD3A3) contains.

Hex(2AD3A3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2AD3A3)

Conversions

Conversions Part 1

Format	Color
Hex	2AD3A3
RGB	42, 211, 163
RGB Percent	16%, 83%, 64%
CMY	0.8353, 0.1725, 0.3608
CMYK	0.80, 0.00, 0.23, 0.17
HSL	163°, 67%, 50%
HSV	163°, 80%, 83%
XYZ	30.8600, 49.7251, 42.6218
YIQ	154.9970, -85.3160, -50.7560

Conversions

Conversions Part 2

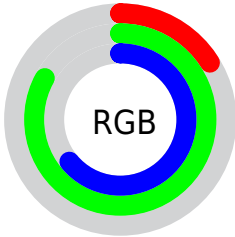
Format	Color
RYB	42, 140, 211
Decimal	2806691
CIELab	75.90, -52.47, 12.15
CIELCh	76, 53.854, 166.966
Yxy	49.7251, 0.2505, 0.4036
Android (android.graphics.Color)	4280996771 (0xFF2AD3A3)
YUV	154.9970, 3.9455, -99.0984
Hunter-Lab	70.5160, -45.2860, 13.5248

Details

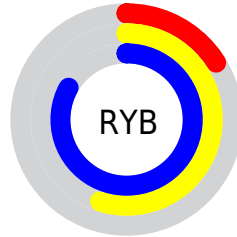
The Hex color **2AD3A3** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **D32A5A**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **75FFDA**, and **009B6F** is the 20% darker color. If you saturate the color by 10%, you get **15D39D**, and if you desaturate by 10%, it is **3FD3A9**.

Distribution



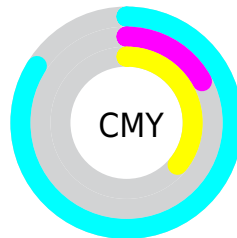
- Red (16%)
- Green (83%)
- Blue (64%)



- Red (16%)
- Yellow (55%)
- Blue (83%)



- Cyan (80%)
- Magenta (0%)
- Yellow (23%)
- Black (17%)



- Cyan (84%)
- Magenta (17%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2AD3A3 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 2AD3A3 by changing the saturation by 10% instead.

 2AD3A3

 2AD3A3

FFFFFF

 00B789

 75FFDA

 009B6F

 94FFF6

 008057

 B3FFFF

 00663F

 D2FFFF

 004D29

 F0FFFF

 003515

 001D00

 000000

 2AD3A3

 2AD3A3

■ 15D39D

■ 3FD3A9

■ 00D397

■ 54D3AF

■ 69D3B5

■ 7ED3BB

■ 93D3C1

■ A9D3C7

■ BED3CD

■ D3D3D3

■ E8D3D9

Harmonies

Analogous

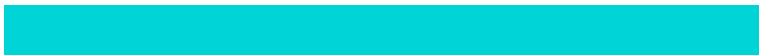
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84CD75



2AD3A3



00D4D6

Triad

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



2AD3A3



9BB6FF



FF9F74

Complementary

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



2AD3A3



D32A5A

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.



FF92A1



2AD3A3



E3A3FF

Square

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



2AD3A3



00C7FF



FF94D3



EBB158

Rectangle

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



2AD3A3



00D2F5



FF94D3



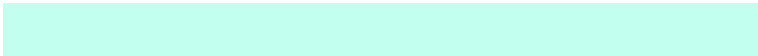
FF9982

Sweetspot

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



2AD3A3



C2FFEE



5DD32A



5B8075



000000



808080

Same Dimension

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



2AD3A3



0AFFB9



2AB1D3



5E6966



00A878



00291D

Inverse Universe

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



D32A5A



FF0A50



D34C2A



695E61



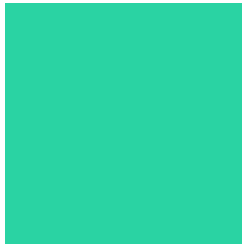
A80030



29000C

Previews

White Background



This preview shows how the Hex color 2AD3A3 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 2AD3A3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

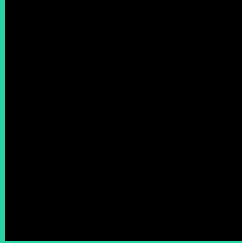
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

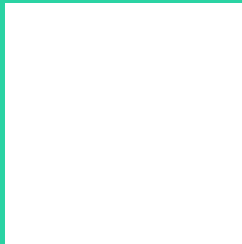
Any Text WCAG AAA ✓ Pass

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

Hex 2AD3A3 Background



This preview shows how black text looks on a background with the Hex color 2AD3A3.

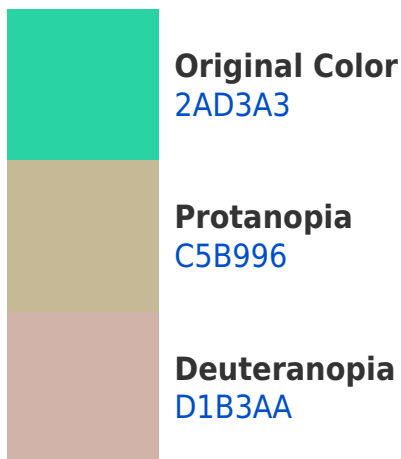


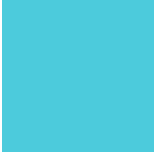
This preview shows how white text looks on a background with the Hex color 2AD3A3.

Color Blindness Simulation

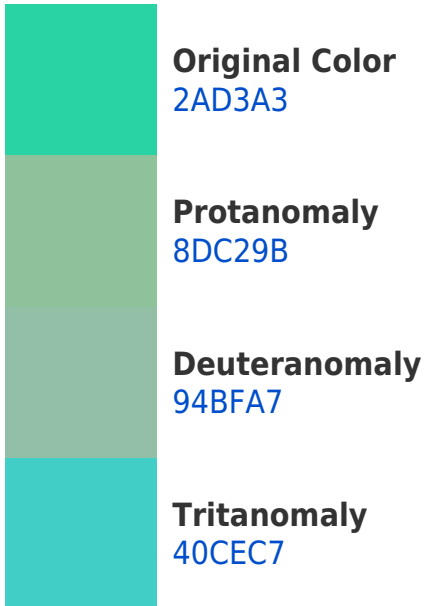
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

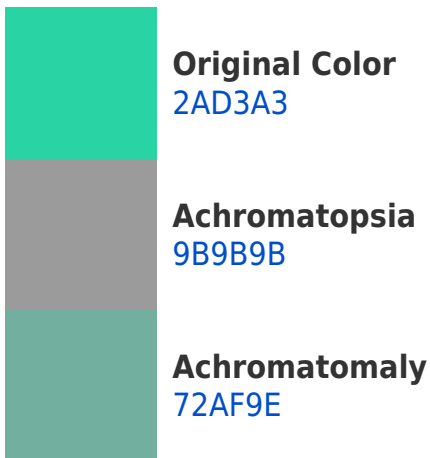




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2AD3A3 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 #2AD3A3 looks like.

```
.text, #text, p{  
    color:#2AD3A3  
}
```

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 #2AD3A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AD3A3
}
```

Border

The CSS property to change the border of an element to Hex 2AD3A3 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
#2AD3A3 }
```

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

```
.border{ border-color:#2AD3A3 }
```

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

Here you see how a box with a 4 pixel #2AD3A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AD3A3; -webkit-box-shadow:4px 4px  
4px 4px #2AD3A3; box-shadow:4px 4px 4px  
4px #2AD3A3 }
```

Background

The CSS property to change the background color of an element to Hex 2AD3A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AD3A3 }
```

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

```
.background{ background-color:#2AD3A3 }
```

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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