

# Converting Colors

Hex(3AD4BB)

Have a look what the booklet for  
Hex(3AD4BB) contains.

<b>Hex(3AD4BB)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(3AD4BB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3AD4BB
RGB	58, 212, 187
RGB Percent	23%, 83%, 73%
CMY	0.7725, 0.1686, 0.2667
CMYK	0.73, 0.00, 0.12, 0.17
HSL	170°, 64%, 53%
HSV	170°, 73%, 83%
XYZ	34.2580, 51.5744, 55.1630
YIQ	163.1040, -83.7590, -40.4230

# Conversions

## Conversions Part 2

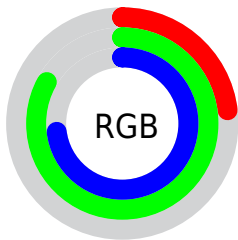
Format	Color
<a href="#">RYB</a>	<a href="#">58, 142, 212</a>
Decimal	<a href="#">3855547</a>
CIELab	<a href="#">77.03, -45.14, 0.95</a>
CIElCh	<a href="#">77, 45.151, 178.793</a>
Yxy	<a href="#">51.5744, 0.2430, 0.3658</a>
Android (android.graphics.Color)	<a href="#">4282045627 (0xFF3AD4BB)</a>
YUV	<a href="#">163.1040, 11.7807, -92.1762</a>
Hunter-Lab	<a href="#">71.8153, -40.5269, 4.7287</a>

# Details

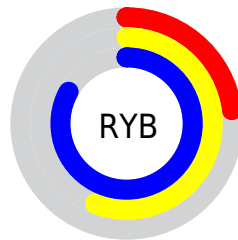
The Hex color **3AD4BB** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted spring green. A complement of this color would be **D43A53**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **7FFFF3**, and **009C86** is the 20% darker color. If you saturate the color by 10%, you get **25D4B8**, and if you desaturate by 10%, it is **4FD4BE**.

# Distribution



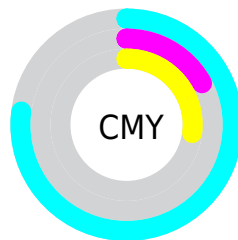
- Red (23%)
- Green (83%)
- Blue (73%)



- Red (23%)
- Yellow (56%)
- Blue (83%)



- Cyan (73%)
- Magenta (0%)
- Yellow (12%)
- Black (17%)



- Cyan (77%)
- Magenta (17%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3AD4BB 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 3AD4BB by changing the saturation by 10% instead.



 3AD4BB

 3AD4BB

FFFFFF

 00B8A0

 7FFFF3

 009C86

 9EFFFF

 00826D

 BCFFFF

 006854

 DBFFFF

 004F3D

 FAFFFF

 003728

 002113

 000000

 3AD4BB

 3AD4BB

■ 25D4B8

■ 4FD4BE

■ 10D4B4

■ 64D4C2

■ 00D4B2

■ 7AD4C5

■ 8FD4C9

■ A4D4CC

■ B9D4D0

■ CED4D3

■ E4D4D7

■ F9D4DA

# Harmonies

## Analogous

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



7DD091



3AD4BB



00D3E5

# Triad

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



3AD4BB



C0B4FF



FBAC78

# Complementary

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



3AD4BB



D43A53

# 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.



FFA098



3AD4BB



F1A5EA

# Square

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



3AD4BB



7AC3FF



FF9DC2



DABB69

# Rectangle

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



3AD4BB



00D0FC



FF9DC2



FFA881

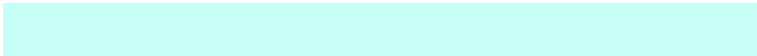


# Sweetspot

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



3AD4BB



C7FFF6



54D43A



5E807A



000000



808080



# Same Dimension

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



3AD4BB



21FFDB



3AA1D4



606B69



00AB8F



002B24



# Inverse Universe

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



D43A53



FF2145



D46D3A



6B6062



AB001C

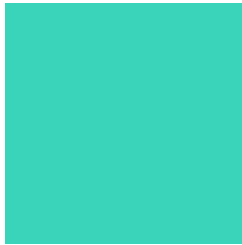


2B0007



# Previews

## White Background



This preview shows how the Hex color 3AD4BB 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 3AD4BB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

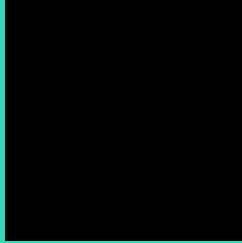
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

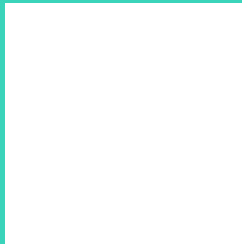
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3AD4BB Background



This preview shows how black text looks on a background with the Hex color 3AD4BB.

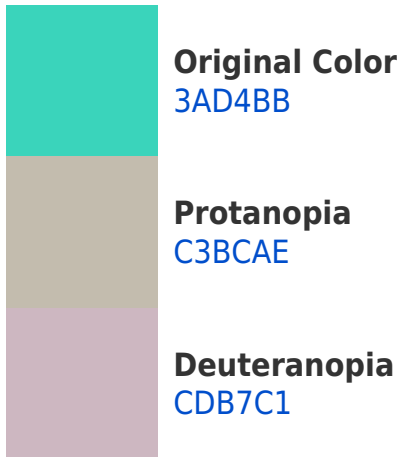


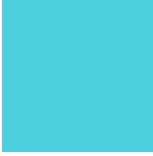
This preview shows how white text looks on a background with the Hex color 3AD4BB.

# 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**  
4ECFE0

# Trichromacy



**Original Color**  
3AD4BB



**Protanomaly**  
91C5B3



**Deuteranomaly**  
98C2BF

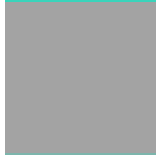


**Tritanomaly**  
47D1D3

# Monochromacy



**Original Color**  
3AD4BB



**Achromatopsia**  
A3A3A3



**Achromatomaly**  
7DB5AC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3AD4BB 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 #3AD4BB looks like.

```
.text, #text, p{  
  color:#3AD4BB  
}
```

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 #3AD4BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AD4BB  
}
```

## Border

The CSS property to change the border of an element to Hex 3AD4BB 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  
#3AD4BB }
```

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

```
.border{ border-color:#3AD4BB }
```

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

Here you see how a box with a 4 pixel #3AD4BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AD4BB; -webkit-box-shadow:4px 4px  
4px 4px #3AD4BB; box-shadow:4px 4px 4px  
4px #3AD4BB }
```

# Background

The CSS property to change the background color of an element to Hex 3AD4BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AD4BB }
```

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

```
.background{ background-color:#3AD4BB }
```

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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