

# Converting Colors

Hex(8AD0BB)

Have a look what the booklet for  
Hex(8AD0BB) contains.

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# Color

**Hex(8AD0BB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8AD0BB
RGB	138, 208, 187
RGB Percent	54%, 82%, 73%
CMY	0.4588, 0.1843, 0.2667
CMYK	0.34, 0.00, 0.10, 0.18
HSL	162°, 43%, 68%
HSV	162°, 34%, 82%
XYZ	42.0067, 54.1029, 55.2426
YIQ	184.6760, -34.9790, -21.3710

# Conversions

## Conversions Part 2

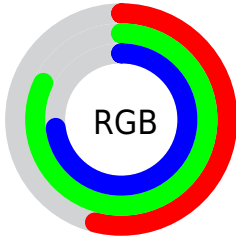
Format	Color
<a href="#">RYB</a>	<a href="#">138, 179, 208</a>
Decimal	<a href="#">9097403</a>
CIELab	<a href="#">78.52, -26.56, 3.45</a>
CIElCh	<a href="#">79, 26.786, 172.592</a>
Yxy	<a href="#">54.1029, 0.2775, 0.3575</a>
Android (android.graphics.Color)	<a href="#">4287287483 (0xFF8AD0BB)</a>
YUV	<a href="#">184.6760, 1.1457, -40.9349</a>
Hunter-Lab	<a href="#">73.5547, -26.7801, 6.9590</a>

# Details

The Hex color **8AD0BB** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D08A9F**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **C1FFF3**, and **559986** is the 20% darker color. If you saturate the color by 10%, you get **75D0B5**, and if you desaturate by 10%, it is **9FD0C1**.

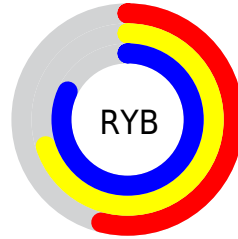
# Distribution



Red (54%)

Green (82%)

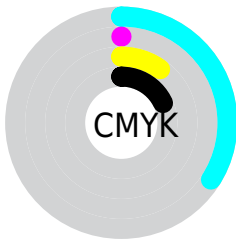
Blue (73%)



Red (54%)

Yellow (70%)

Blue (82%)

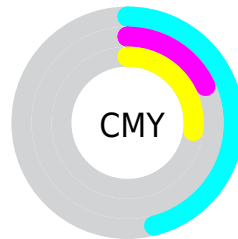


Cyan (34%)

Magenta (0%)

Yellow (10%)

Black (18%)



Cyan (46%)

Magenta (18%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8AD0BB 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 8AD0BB by changing the saturation by 10% instead.





8AD0BB



8AD0BB

FFFFFF



6FB4A0



C1FFF3



559986



DEFFF



3A7F6D



FBFFF



1E6654



004D3D



003628



002213



000000



8AD0BB



8AD0BB

 75D0B5

 9FD0C1

 60D0AF

 B4D0C7

 4CD0A8

 C8D0CE

 37D0A2

 DDD0D4

 22D09C

 F2D0DA

 0DD096

 FFD0E0

 00D092

 FFD0E7

 FFD0ED

 FFD0F3

# Harmonies

## Analogous

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



A4CDA3



8AD0BB



7BD0D4

# Triad

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



8AD0BB



BEBEFO



EDB69C

# Complementary

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



8AD0BB



D08A9F

# 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.



F5B1B0



8AD0BB



DCB6E1

# Square

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



8AD0BB



9CC6F3



F0B1CA



DBBF91

# Rectangle

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



8AD0BB



7CCEE3



F0B1CA



F1B4A2



# Sweetspot

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



8AD0BB



E6FFF7



9FD08A



70807B



000000



808080



# Same Dimension

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



8AD0BB



99FFE0



8AC3D0



5E6965



00A876



00291D



# Inverse Universe

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



D08A9F



FF99B8



D0988A



695E61



A80032

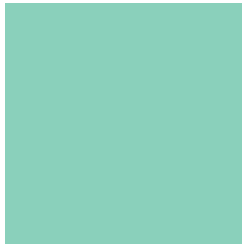


29000C



# Previews

## White Background



This preview shows how the Hex color 8AD0BB looks on a white background.

## Color Contrast Check

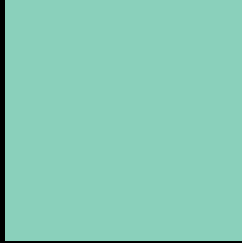
Large Text (above 18pt) WCAG AA × Fail

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 8AD0BB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

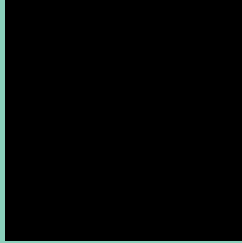
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8AD0BB Background



This preview shows how black text looks on a background with the Hex color 8AD0BB.

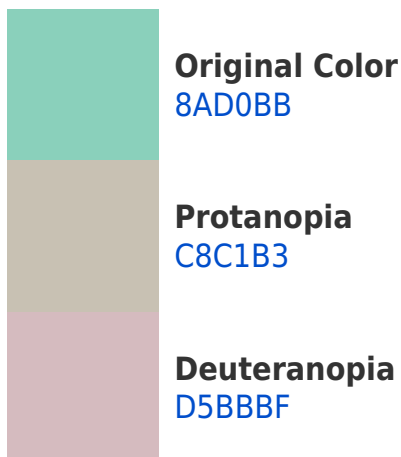


This preview shows how white text looks on a background with the Hex color 8AD0BB.

# 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



**Original Color**  
8AD0BB



**Protanomaly**  
B1C6B6



**Deuteranomaly**  
BAC3BE

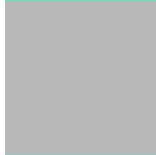


**Tritanomaly**  
8ECDD0

# Monochromacy



**Original Color**  
8AD0BB



**Achromatopsia**  
B9B9B9



**Achromatomaly**  
A8C1BA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8AD0BB 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 #8AD0BB looks like.

```
.text, #text, p{  
    color:#8AD0BB  
}
```

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 #8AD0BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AD0BB  
}
```

## Border

The CSS property to change the border of an element to Hex 8AD0BB 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  
#8AD0BB }
```

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

```
.border{ border-color:#8AD0BB }
```

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

Here you see how a box with a 4 pixel #8AD0BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AD0BB; -webkit-box-shadow:4px 4px  
4px 4px #8AD0BB; box-shadow:4px 4px 4px  
4px #8AD0BB }
```

# Background

The CSS property to change the background color of an element to Hex 8AD0BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AD0BB }
```

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

```
.background{ background-color:#8AD0BB }
```

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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