

# Converting Colors

Hex(9BDADB)

Have a look what the booklet for  
Hex(9BDADB) contains.

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# **Color**

**Hex(9BDADB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BDADB
RGB	155, 218, 219
RGB Percent	61%, 85%, 86%
CMY	0.3922, 0.1451, 0.1412
CMYK	0.29, 0.00, 0.00, 0.14
HSL	181°, 47%, 73%
HSV	181°, 29%, 86%
XYZ	51.3752, 62.2258, 76.3209
YIQ	199.2770, -37.8690, -13.0450

# Conversions

## Conversions Part 2

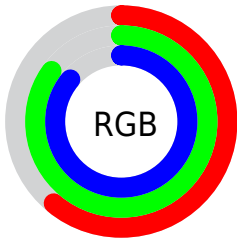
Format	Color
<a href="#">RYB</a>	<a href="#">155, 187, 219</a>
Decimal	<a href="#">10214107</a>
CIELab	<a href="#">83.03, -19.57, -6.91</a>
CIELCh	<a href="#">83, 20.759, 199.453</a>
Yxy	<a href="#">62.2258, 0.2705, 0.3276</a>
Android (android.graphics.Color)	<a href="#">4288404187 (0xFF9BDADB)</a>
YUV	<a href="#">199.2770, 9.7234, -38.8309</a>
Hunter-Lab	<a href="#">78.8834, -21.7924, -2.1456</a>

# Details

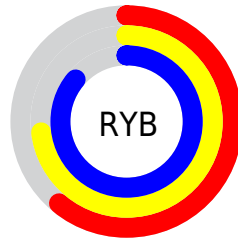
The Hex color **9BDADB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DB9C9B**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **D3FFFF**, and **65A3A4** is the 20% darker color. If you saturate the color by 10%, you get **85DADB**, and if you desaturate by 10%, it is **B1DADB**.

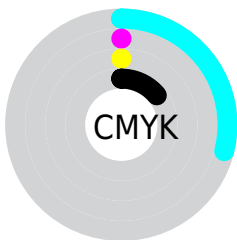
# Distribution



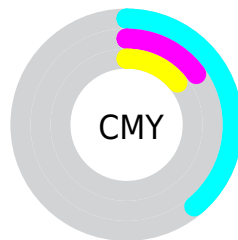
- Red (61%)
- Green (85%)
- Blue (86%)



- Red (61%)
- Yellow (73%)
- Blue (86%)



- Cyan (29%)
- Magenta (0%)
- Yellow (0%)
- Black (14%)



- Cyan (39%)
- Magenta (15%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BDADB 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 9BDADB by changing the saturation by 10% instead.



 9BDADB

FFFFFF

 D3FFFF

 F0FFFF


 9BDADB

 80BEBF

 65A3A4

 4B898A

 306F70

 115658

 003F41

 00292B

 001316

 000000

 9BDADB

 9BDADB

 85DADB

 B1DADB

 6FD9DB

 C7DBDB

 59D9DB

 DDDBDB

 43D9DB

 F3DBDB

 2DD8DB

 FFDCDB

 18D8DB

 FFDDDB

 02D8DB

 00D8DB

# Harmonies

## Analogous

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



A6DAC7



9BDADB



9ED8EC

# Triad

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



9BDADB



E1C6E8



E5CBA9

# Complementary

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



9BDADB



DB9C9B

# 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.



F3C5B2



9BDADB



F2C2D7

# Square

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



9BDADB



C9CCF3



F8C2C3



D0D2AA

# Rectangle

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



9BDADB



A9D5F3



F8C2C3



EAC9AB



# Sweetspot

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



9BDADB



E8FFFF



9BDB9B



717F80



000000



808080



# Same Dimension

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



9BDADB



A6FEFF



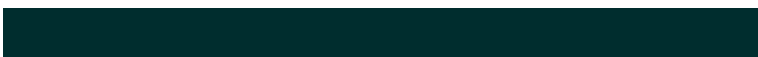
9BBBDB



636D6E



00ABAD



002D2E



# Inverse Universe

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



DB9BDA



FFA6FE



DBBB9B



6E636D



AD00AB

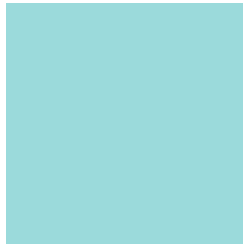


2E002D



# Previews

## White Background



This preview shows how the Hex color 9BDADB looks on a white background.

## Color Contrast Check

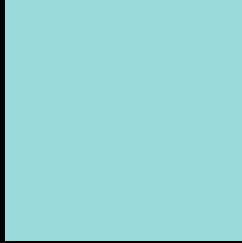
Large Text (above 18pt) WCAG AA × Fail

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 9BDADB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

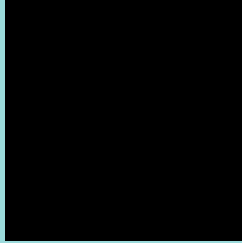
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

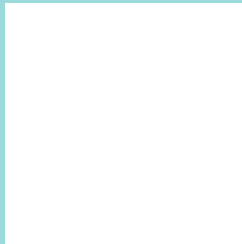
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9BDADB Background



This preview shows how black text looks on a background with the Hex color 9BDADB.

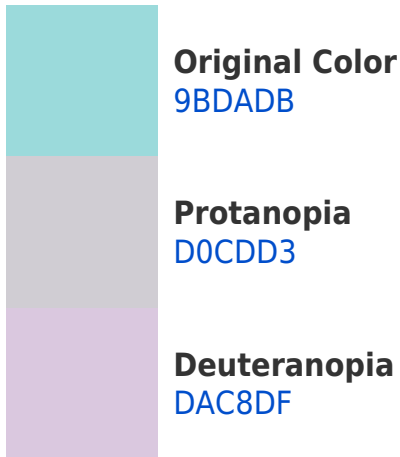


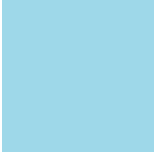
This preview shows how white text looks on a background with the Hex color 9BDADB.

# 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



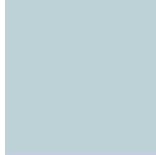


**Tritanopia**  
9ED8E9

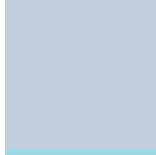
# Trichromacy



**Original Color**  
9BDADB



**Protanomaly**  
BDD2D6



**Deuteranomaly**  
C3CFDE

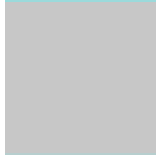


**Tritanomaly**  
9DD9E4

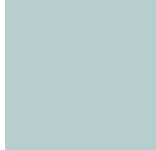
# Monochromacy



**Original Color**  
9BDADB



**Achromatopsia**  
C7C7C7



**Achromatomaly**  
B7CECE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BDADB 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 #9BDADB looks like.

```
.text, #text, p{  
    color:#9BDADB  
}
```

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 #9BDADB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BDADB  
}
```

## Border

The CSS property to change the border of an element to Hex 9BDADB 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  
#9BDADB }
```

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

```
.border{ border-color:#9BDADB }
```

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

Here you see how a box with a 4 pixel #9BDADB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BDADB; -webkit-box-shadow:4px 4px  
4px 4px #9BDADB; box-shadow:4px 4px 4px  
4px #9BDADB }
```

# Background

The CSS property to change the background color of an element to Hex 9BDADB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BDADB }
```

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

```
.background{ background-color:#9BDADB }
```

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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