

# Converting Colors

Hex(9BDCD9)

Have a look what the booklet for  
Hex(9BDCD9) contains.

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# **Color**

**Hex(9BDCD9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BDCD9
RGB	155, 220, 217
RGB Percent	61%, 86%, 85%
CMY	0.3922, 0.1373, 0.1490
CMYK	0.30, 0.00, 0.01, 0.14
HSL	177°, 48%, 74%
HSV	177°, 30%, 86%
XYZ	51.6352, 63.1647, 75.1162
YIQ	200.2230, -37.7770, -14.7130

# Conversions

## Conversions Part 2

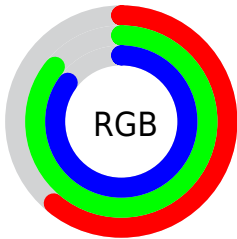
Format	Color
<a href="#">RYB</a>	<a href="#">155, 188, 220</a>
Decimal	<a href="#">10214617</a>
CIELab	<a href="#">83.53, -21.02, -5.12</a>
CIELCh	<a href="#">84, 21.638, 193.685</a>
Yxy	<a href="#">63.1647, 0.2719, 0.3326</a>
Android (android.graphics.Color)	<a href="#">4288404697 (0xFF9BDCD9)</a>
YUV	<a href="#">200.2230, 8.2711, -39.6606</a>
Hunter-Lab	<a href="#">79.4762, -23.1132, -0.4040</a>

# Details

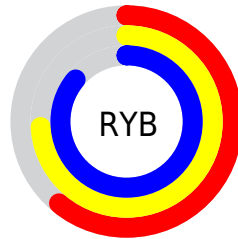
The Hex color **9BDCD9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DC9B9E**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **D3FFFF**, and **65A5A2** is the 20% darker color. If you saturate the color by 10%, you get **85DCD8**, and if you desaturate by 10%, it is **B1DCDA**.

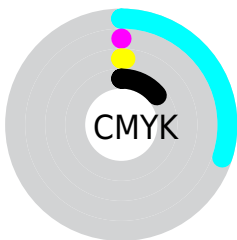
# Distribution



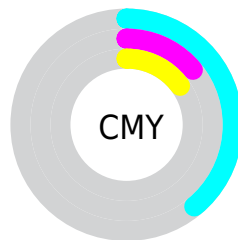
- Red (61%)
- Green (86%)
- Blue (85%)



- Red (61%)
- Yellow (74%)
- Blue (86%)



- Cyan (30%)
- Magenta (0%)
- Yellow (1%)
- Black (14%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BDCD9 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 9BDCD9 by changing the saturation by 10% instead.



 9BDCD9

 9BDCD9

FFFFFF

 80C0BD


 D3FFFF

 65A5A2

 F0FFFF

 4B8A88

 30716F

 115856

 00403F

 002A29

 001515

 000000

 9BDCD9

 9BDCD9

 85DCD8

 B1DCDA

 6FDCD7

 C7DCDB

 59DCD6

 DDDCDC

 43DCD5

 F3DCDD

 2DDCD4

 FFDCE

 17DCD3

 FFDCDF

 01DCD2

 FFDCE0

 00DCD2

 FFDCE1

 FFDCE2

# Harmonies

## Analogous

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



A9DBC4



9BDCD9



9BDAEC

# Triad

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



9BDCD9



DFC8EE



EACBAA

# Complementary

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



9BDCD9



DC9B9E

# 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.



F8C5B5



9BDCD9



F2C3DC

# Square

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



9BDCD9



C5CFF7



FBC2C7



D6D2A9

# Rectangle

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



9BDCD9



A5D7F4



FBC2C7



F0C9AC



# Sweetspot

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



9BDCD9



E8FFFE



9EDC9B



71807F



000000



808080



# Same Dimension

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



9BDCD9



A6FFFB



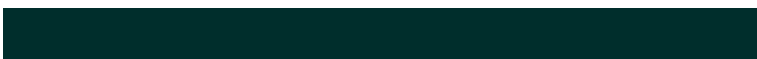
9BBFDC



636E6D



00ADA5



002E2C



# Inverse Universe

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



DC9B9E



FFA6AA



DCB89B



6E6363



AD0008



2E0002



# Previews

## White Background



This preview shows how the Hex color 9BDCD9 looks on a white background.

## Color Contrast Check

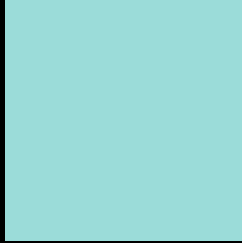
Large Text (above 18pt) WCAG AA × Fail

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 9BD9D9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

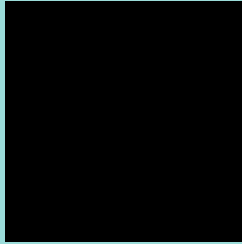
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9BDCD9 Background



This preview shows how black text looks on a background with the Hex color 9BDCD9.

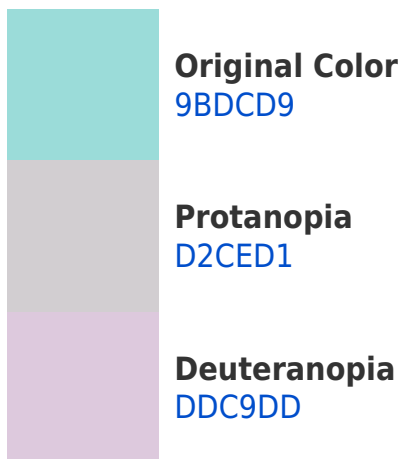


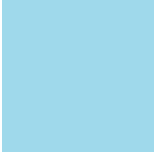
This preview shows how white text looks on a background with the Hex color 9BDCD9.

# 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



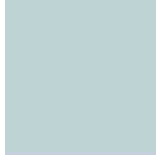


**Tritanopia**  
9FD9EB

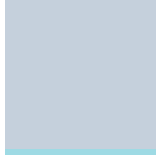
# Trichromacy



**Original Color**  
9BDCD9



**Protanomaly**  
BED3D4



**Deuteranomaly**  
C5D0DC

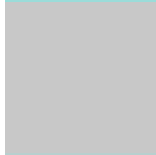


**Tritanomaly**  
9EDAE4

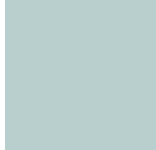
# Monochromacy



**Original Color**  
9BDCD9



**Achromatopsia**  
C8C8C8



**Achromatomaly**  
B8CFCE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BDCD9 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 #9BDCD9 looks like.

```
.text, #text, p{  
    color:#9BDCD9  
}
```

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 #9BDCD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BDCD9
}
```

## Border

The CSS property to change the border of an element to Hex 9BDCD9 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
#9BDCD9 }
```

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

```
.border{ border-color:#9BDCD9 }
```

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

Here you see how a box with a 4 pixel #9BDCD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BDCD9; -webkit-box-shadow:4px 4px  
4px 4px #9BDCD9; box-shadow:4px 4px 4px  
4px #9BDCD9 }
```

# Background

The CSS property to change the background color of an element to Hex 9BDCD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BDCD9 }
```

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

```
.background{ background-color:#9BDCD9 }
```

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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