

# Converting Colors

Hex(9BDEB9)

Have a look what the booklet for  
Hex(9BDEB9) contains.

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# **Color**

**Hex(9BDEB9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BDEB9
RGB	155, 222, 185
RGB Percent	61%, 87%, 73%
CMY	0.3922, 0.1294, 0.2745
CMYK	0.30, 0.00, 0.17, 0.13
HSL	147°, 50%, 74%
HSV	147°, 30%, 87%
XYZ	48.3958, 62.7139, 55.4532
YIQ	197.7490, -28.0550, -25.7110

# Conversions

## Conversions Part 2

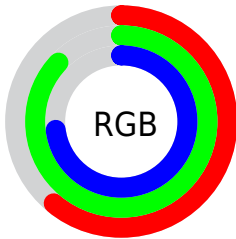
<b>Format</b>	<b>Color</b>
<b>RYB</b>	155, 201, 222
Decimal	10215097
CIELab	83.29, -28.72, 11.48
CIElCh	83, 30.925, 158.219
Yxy	62.7139, 0.2906, 0.3765
Android (android.graphics.Color)	4288405177 (0xFF9BDEB9)
YUV	197.7490, -6.2853, -37.4909
Hunter-Lab	79.1921, -29.5014, 13.9175

# Details

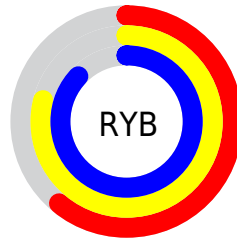
The Hex color **9BDEB9** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DE9BC0**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **D3FFF1**, and **66A784** is the 20% darker color. If you saturate the color by 10%, you get **85DEAD**, and if you desaturate by 10%, it is **B1DEC5**.

# Distribution



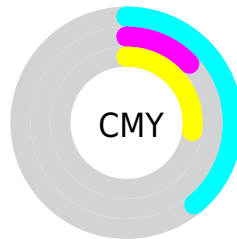
- Red (61%)
- Green (87%)
- Blue (73%)



- Red (61%)
- Yellow (79%)
- Blue (87%)



- Cyan (30%)
- Magenta (0%)
- Yellow (17%)
- Black (13%)



- Cyan (39%)
- Magenta (13%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BDEB9 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 9BDEB9 by changing the saturation by 10% instead.



 9BDEB9

 9BDEB9

FFFFFF

 80C29E

 D3FFF1

 66A784

 F0FFFF

 4C8C6B

 327252

 16593B

 004125

 002B11

 001400

 000000

 9BDEB9

 9BDEB9

 85DEAD

 B1DEC5

 6FDEA0

 C7DED2

 58DE94

 DEDEDE

 42DE88

 F4DEEA

 2CDE7C

 FFDEF6

 16DE6F

 FFDEFF

 00DE63

# Harmonies

## Analogous

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



BCD9A1



9BDEB9



80E0D7

# Triad

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



9BDEB9



B6CFFF



FFBEAD

# Complementary

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



9BDEB9



DE9BC0

# 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.



FFBAC8



9BDEB9



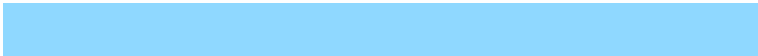
DEC5FD

# Square

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



9BDEB9



8FD8FF



FCBDE6



F7C69A

# Rectangle

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



9BDEB9



78DFEA



FCBDE6



FFBCB5



# Sweetspot

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



9BDEB9



E8FFF2



C1DE9B



718078



000000



808080

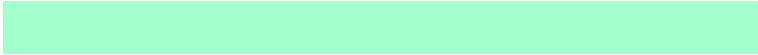


# Same Dimension

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



9BDEB9



A3FFCC



9BDEDA



65706A



00B04F



003016



# Inverse Universe

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



DE9BC0



FFA3D6



DE9B9F



70656B



B00061

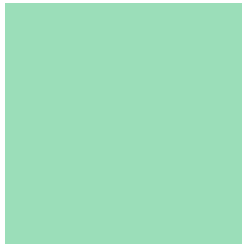


30001B



# Previews

## White Background



This preview shows how the Hex color 9BDEB9 looks on a white background.

## Color Contrast Check

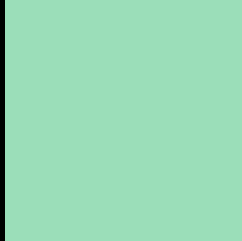
Large Text (above 18pt) WCAG AA × Fail

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 9BDEB9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

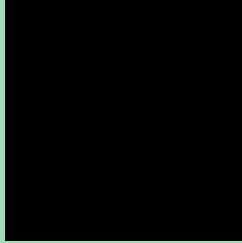
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

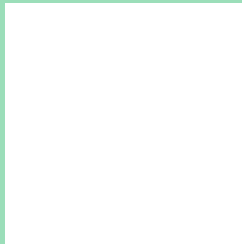
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9BDEB9 Background



This preview shows how black text looks on a background with the Hex color 9BDEB9.

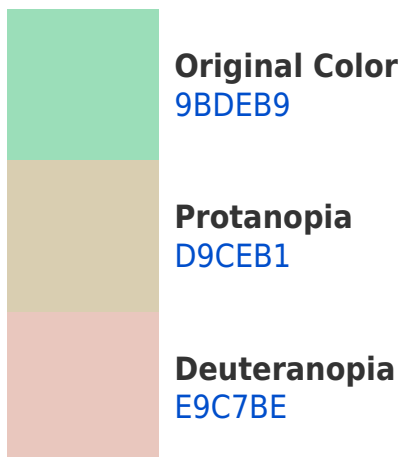


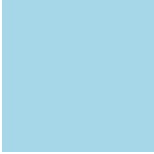
This preview shows how white text looks on a background with the Hex color 9BDEB9.

# 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](#).

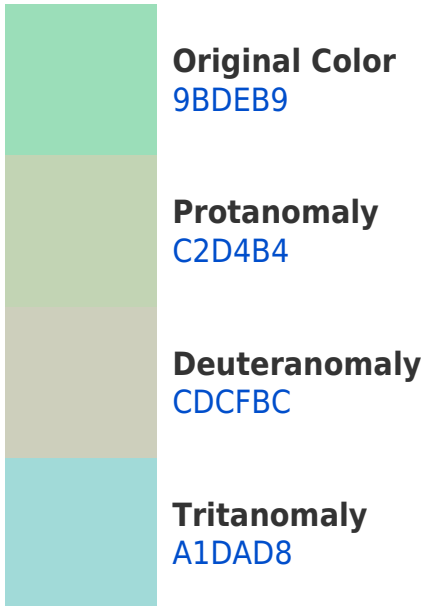
## Dichromacy



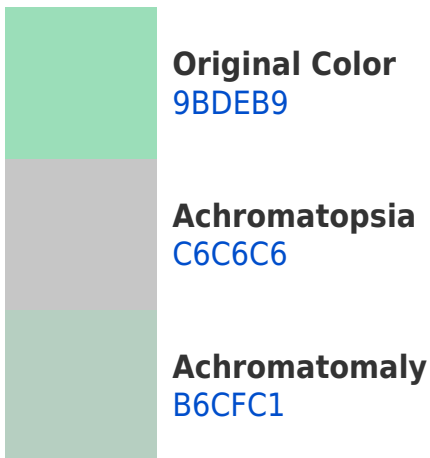


**Tritanopia**  
A5D7E9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BDEB9 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 #9BDEB9 looks like.

```
.text, #text, p{  
    color:#9BDEB9  
}
```

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 #9BDEB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BDEB9
}
```

## Border

The CSS property to change the border of an element to Hex 9BDEB9 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
#9BDEB9 }
```

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

```
.border{ border-color:#9BDEB9 }
```

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

Here you see how a box with a 4 pixel #9BDEB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BDEB9; -webkit-box-shadow:4px 4px  
4px 4px #9BDEB9; box-shadow:4px 4px 4px  
4px #9BDEB9 }
```

# Background

The CSS property to change the background color of an element to Hex 9BDEB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BDEB9 }
```

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

```
.background{ background-color:#9BDEB9 }
```

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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