

# Converting Colors

Hex(9BE2BF)

Have a look what the booklet for  
Hex(9BE2BF) contains.

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# **Color**

**Hex(9BE2BF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BE2BF
RGB	155, 226, 191
RGB Percent	61%, 89%, 75%
CMY	0.3922, 0.1137, 0.2510
CMYK	0.31, 0.00, 0.15, 0.11
HSL	150°, 55%, 75%
HSV	150°, 31%, 89%
XYZ	50.1179, 65.1229, 59.2187
YIQ	200.7810, -31.0810, -25.9370

# Conversions

## Conversions Part 2

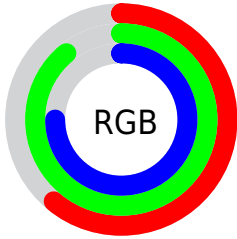
Format	Color
<a href="#">RYB</a>	<a href="#">155, 202, 226</a>
Decimal	<a href="#">10216127</a>
CIELab	<a href="#">84.55, -29.45, 10.10</a>
CIElCh	<a href="#">85, 31.133, 161.064</a>
Yxy	<a href="#">65.1229, 0.2873, 0.3733</a>
Android (android.graphics.Color)	<a href="#">4288406207 (0xFF9BE2BF)</a>
YUV	<a href="#">200.7810, -4.8220, -40.1499</a>
Hunter-Lab	<a href="#">80.6987, -30.3655, 12.9807</a>

# Details

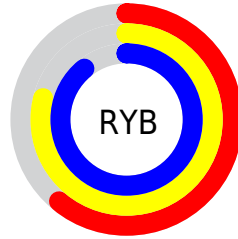
The Hex color **9BE2BF** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **E29BBE**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **D3FFF7**, and **65AA8A** is the 20% darker color. If you saturate the color by 10%, you get **84E2B4**, and if you desaturate by 10%, it is **B2E2CA**.

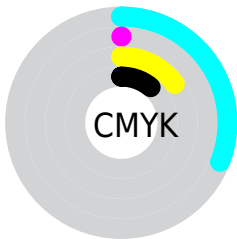
# Distribution



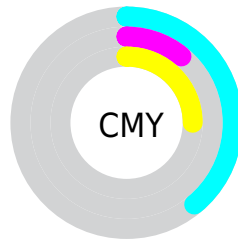
- Red (61%)
- Green (89%)
- Blue (75%)



- Red (61%)
- Yellow (79%)
- Blue (89%)



- Cyan (31%)
- Magenta (0%)
- Yellow (15%)
- Black (11%)



- Cyan (39%)
- Magenta (11%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BE2BF 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 9BE2BF by changing the saturation by 10% instead.



 9BE2BF

 9BE2BF

FFFFFF


 80C6A4

 D3FFF7

 65AA8A

 F0FFFF

 4B9070

 317658

 135D40

 00452A

 002E16

 001900

 000000

 9BE2BF

 9BE2BF

 84E2B4

 B2E2CA

 6EE2A9

 C8E2D5

 57E29E

 DFE2E0

 41E292

 F5E2EC

 2AE287

 FFE2F7

 13E27C

 FFE2FF

 00E273

# Harmonies

## Analogous

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



BCDDA6



9BE2BF



81E4DD

# Triad

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



9BE2BF



BED2FF



FFC2AE

# Complementary

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



9BE2BF



E29BBE

# 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.



FFBEC9



9BE2BF



E5C8FF

# Square

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



9BE2BF



95DBFF



FFC0E7



F9CB9C

# Rectangle

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



9BE2BF



7AE2F0



FFC0E7



FFC0B6

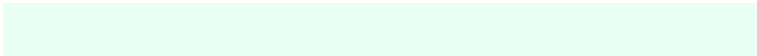


# Sweetspot

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



9BE2BF



E8FFF4



BFE29B



718079



000000



808080

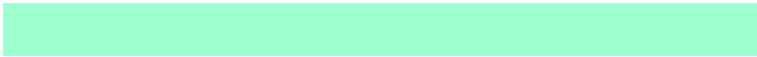


# Same Dimension

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



9BE2BF



9EFFCF



9BE2E2



65706B



00B059



003019



# Inverse Universe

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



E29BBE



FF9ECE



E29B9B



70656B



B00057

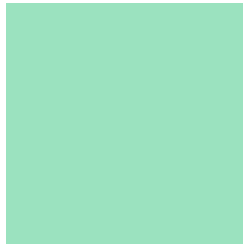


300018



# Previews

## White Background



This preview shows how the Hex color 9BE2BF 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



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

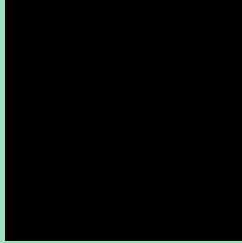
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

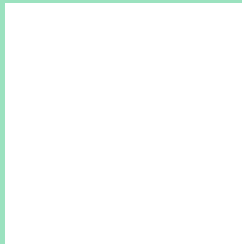
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9BE2BF Background



This preview shows how black text looks on a background with the Hex color 9BE2BF.

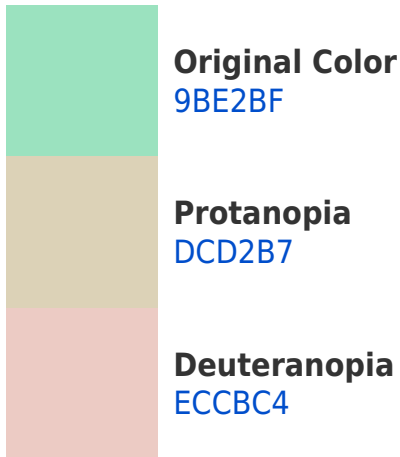


This preview shows how white text looks on a background with the Hex color 9BE2BF.

# 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](#).

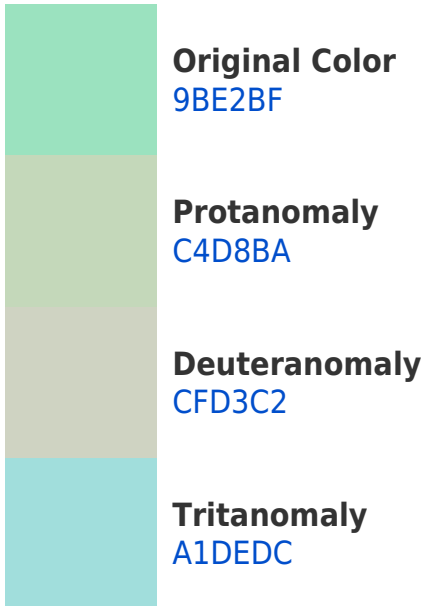
## Dichromacy



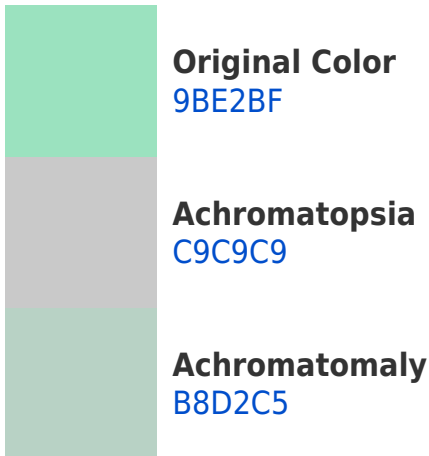


**Tritanopia**  
A5DCED

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BE2BF 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 #9BE2BF looks like.

```
.text, #text, p{  
    color:#9BE2BF  
}
```

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 #9BE2BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BE2BF  
}
```

## Border

The CSS property to change the border of an element to Hex 9BE2BF 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  
#9BE2BF }
```

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

```
.border{ border-color:#9BE2BF }
```

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

Here you see how a box with a 4 pixel #9BE2BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BE2BF; -webkit-box-shadow:4px 4px  
4px 4px #9BE2BF; box-shadow:4px 4px 4px  
4px #9BE2BF }
```

# Background

The CSS property to change the background color of an element to Hex 9BE2BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BE2BF }
```

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

```
.background{ background-color:#9BE2BF }
```

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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