

# Converting Colors

Hex(9BE9E8)

Have a look what the booklet for  
Hex(9BE9E8) contains.

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# Color

**Hex(9BE9E8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BE9E8
RGB	155, 233, 232
RGB Percent	61%, 91%, 91%
CMY	0.3922, 0.0863, 0.0902
CMYK	0.33, 0.00, 0.00, 0.09
HSL	179°, 64%, 76%
HSV	179°, 33%, 91%
XYZ	57.2220, 71.0726, 87.0464
YIQ	209.5640, -46.1670, -16.8470

# Conversions

## Conversions Part 2

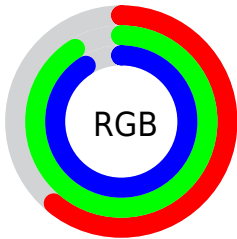
Format	Color
R <sub>Y</sub> B	155, 194, 233
Decimal	10217960
CIE Lab	87.52, -24.01, -7.14
CIE LCh	88, 25.053, 196.553
Yxy	71.0726, 0.2657, 0.3300
Android (android.graphics.Color)	4288408040 (0xFF9BE9E8)
YUV	209.5640, 11.0609, -47.8526
Hunter-Lab	84.3046, -26.3756, -2.2051

# Details

The Hex color **9BE9E8** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **E99B9C**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **D4FFFF**, and **64B1B0** is the 20% darker color. If you saturate the color by 10%, you get **84E9E8**, and if you desaturate by 10%, it is **B2E9E8**.

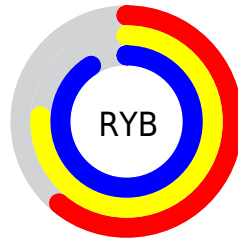
# Distribution



Red (61%)

Green (91%)

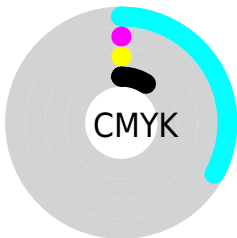
Blue (91%)



Red (61%)

Yellow (76%)

Blue (91%)

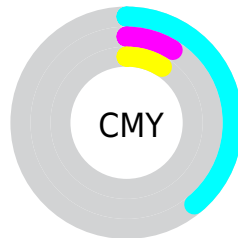


Cyan (33%)

Magenta (0%)

Yellow (0%)

Black (9%)



Cyan (39%)

Magenta (9%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BE9E8 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 9BE9E8 by changing the saturation by 10% instead.



 9BE9E8

FFFFFF

 D4FFFF

 F1FFFF

 9BE9E8

 7FCDCC

 64B1B0

 489696

 2B7C7C

 006363

 004B4B

 003435

 00201F

 000007

 9BE9E8

 9BE9E8

 84E9E8

 B2E9E8

 6CE9E7

 CAE9E9

 55E9E7

 E1E9E9

 3EE9E7

 F8E9E9

 27E9E7

 FFE9E9

 0FE9E6

 FFE9EA

 00E9E6

 FFE9EB

# Harmonies

## Analogous

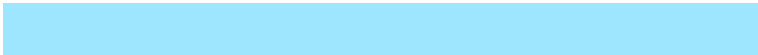
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



ABE8CF



9BE9E8



9DE6FD

# Triad

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



9BE9E8



EFD1FC



F8D6AE

# Complementary

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



9BE9E8



E99B9C

# 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.



FFCFBA



9BE9E8



FFCCE7

# Square

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



9BE9E8



D1D9FF



FFCBCF



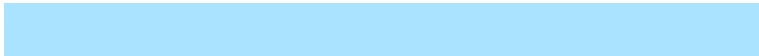
E0DEAE

# Rectangle

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



9BE9E8



A9E3FF



FFCBCF



FED4B0



# Sweetspot

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



9BE9E8



E6FFFF



9CE99B



70807F



000000



808080



# Same Dimension

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



9BE9E8



99FFFE



9BC3E9



6A7575



00B5B3



003635



# Inverse Universe

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



E99B9C



FF999A



E9C19B



756A6A



B50002

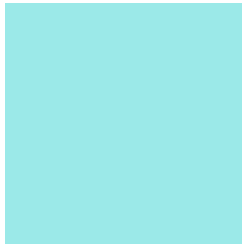


360001



# Previews

## White Background



This preview shows how the Hex color 9BE9E8 looks on a white background.

## Color Contrast Check

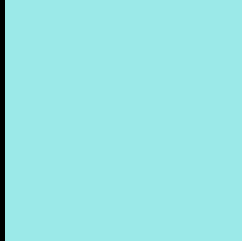
Large Text (above 18pt) WCAG AA × Fail

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 9BE9E8 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 9BE9E8 Background



This preview shows how black text looks on a background with the Hex color 9BE9E8.

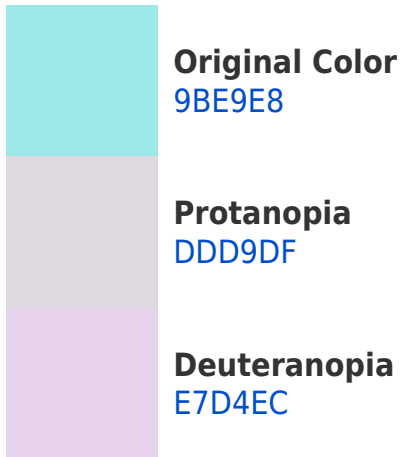


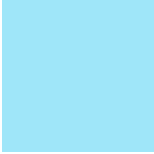
This preview shows how white text looks on a background with the Hex color 9BE9E8.

# 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



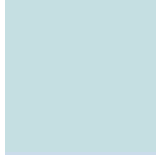


**Tritanopia**  
9FE6F9

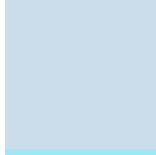
# Trichromacy



**Original Color**  
9BE9E8



**Protanomaly**  
C5DFE2



**Deuteranomaly**  
CBDCEB

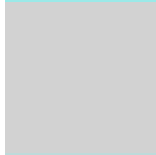


**Tritanomaly**  
9EE7F3

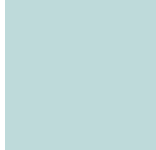
# Monochromacy



**Original Color**  
9BE9E8



**Achromatopsia**  
D2D2D2



**Achromatomaly**  
BEDADA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BE9E8 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 #9BE9E8 looks like.

```
.text, #text, p{  
    color:#9BE9E8  
}
```

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 #9BE9E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BE9E8  
}
```

## Border

The CSS property to change the border of an element to Hex 9BE9E8 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  
#9BE9E8 }
```

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

```
.border{ border-color:#9BE9E8 }
```

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

Here you see how a box with a 4 pixel #9BE9E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BE9E8; -webkit-box-shadow:4px 4px  
4px 4px #9BE9E8; box-shadow:4px 4px 4px  
4px #9BE9E8 }
```

# Background

The CSS property to change the background color of an element to Hex 9BE9E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BE9E8 }
```

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

```
.background{ background-color:#9BE9E8 }
```

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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