

Converting Colors

Hex(9BE9E2)

Have a look what the booklet for
Hex(9BE9E2) contains.

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Color

Hex(9BE9E2)

Conversions

Conversions Part 1

Format	Color
Hex	9BE9E2
RGB	155, 233, 226
RGB Percent	61%, 91%, 89%
CMY	0.3922, 0.0863, 0.1137
CMYK	0.33, 0.00, 0.03, 0.09
HSL	175°, 64%, 76%
HSV	175°, 33%, 91%
XYZ	56.3839, 70.7374, 82.6334
YIQ	208.8800, -44.2410, -18.7130

Conversions

Conversions Part 2

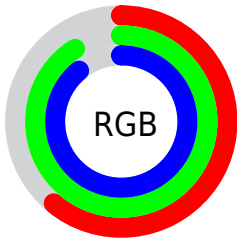
Format	Color
RYB	155, 196, 233
Decimal	10217954
CIELab	87.36, -25.38, -4.23
CIElCh	87, 25.733, 189.455
Yxy	70.7374, 0.2688, 0.3372
Android (android.graphics.Color)	4288408034 (0xFF9BE9E2)
YUV	208.8800, 8.4402, -47.2528
Hunter-Lab	84.1055, -27.5191, 0.6216

Details

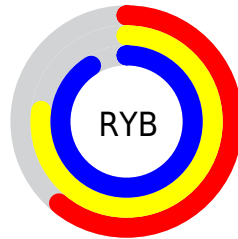
The Hex color **9BE9E2** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **E99BA2**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **D4FFFF**, and **64B1AB** is the 20% darker color. If you saturate the color by 10%, you get **84E9E0**, and if you desaturate by 10%, it is **B2E9E4**.

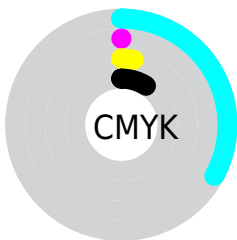
Distribution



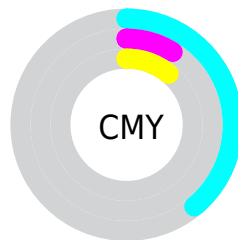
- Red (61%)
- Green (91%)
- Blue (89%)



- Red (61%)
- Yellow (77%)
- Blue (91%)



- Cyan (33%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)



- Cyan (39%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BE9E2 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 9BE9E2 by changing the saturation by 10% instead.

 9BE9E2

 9BE9E2

FFFFFF

 7FCDC6

 D4FFFF

 64B1AB

 F1FFFF

 499690

 2C7C77

 03635E

 004B46

 003330

 00201B

 000000

 9BE9E2

 9BE9E2

 84E9E0

 B2E9E4

 6CE9DE

 CAE9E6

 55E9DC

 E1E9E8

 3EE9DA

 F8E9EA

 27E9D8

 FFE9EC

 0FE9D5

 FFE9EF

 00E9D4

 FFE9F1

 FFE9F3

 FFE9F5

Harmonies

Analogous

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



AFE7C9



9BE9E2



98E7F9

Triad

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



9BE9E2



E9D2FF



FDD4AE

Complementary

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



9BE9E2



E99BA2

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.



FFCDBD



9BE9E2



FFCCED

Square

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



9BE9E2



C9DAFF



FFCAD4



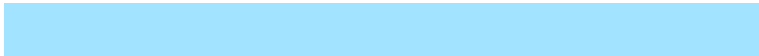
E6DCAB

Rectangle

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



9BE9E2



A2E4FF



FFCAD4



FFD1B2

Sweetspot

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



9BE9E2



E6FFFD



A3E99B



70807E



000000



808080

Same Dimension

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



9BE9E2



99FFF6



9BCAE9



6A7574



00B5A5



003631

Inverse Universe

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



E99BA2



FF99A2



E9BA9B



756A6B



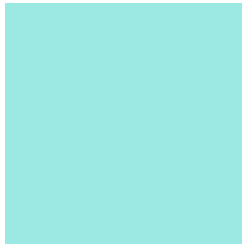
B50010



360005

Previews

White Background



This preview shows how the Hex color 9BE9E2 looks on a white background.

Color Contrast Check

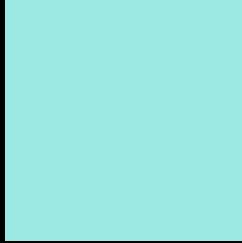
Large Text (above 18pt) WCAG AA × Fail

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 9BE9E2 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 9BE9E2 Background



This preview shows how black text looks on a background with the Hex color 9BE9E2.



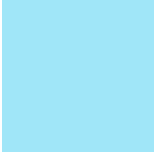
This preview shows how white text looks on a background with the Hex color 9BE9E2.

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](#).

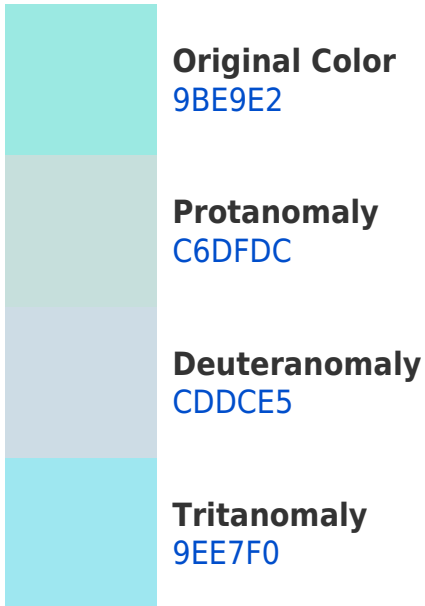
Dichromacy



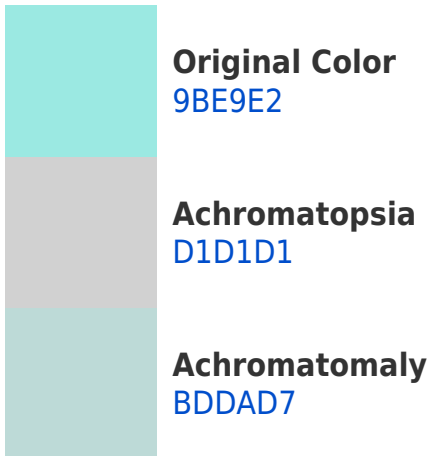


Tritanopia
A0E6F8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9BE9E2 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 #9BE9E2 looks like.

```
.text, #text, p{  
    color:#9BE9E2  
}
```

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 #9BE9E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BE9E2
}
```

Border

The CSS property to change the border of an element to Hex 9BE9E2 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
#9BE9E2 }
```

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

```
.border{ border-color:#9BE9E2 }
```

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

Here you see how a box with a 4 pixel #9BE9E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BE9E2; -webkit-box-shadow:4px 4px  
4px 4px #9BE9E2; box-shadow:4px 4px 4px  
4px #9BE9E2 }
```

Background

The CSS property to change the background color of an element to Hex 9BE9E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BE9E2 }
```

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

```
.background{ background-color:#9BE9E2 }
```

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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