

Converting Colors

Hex(9BE7DE)

Have a look what the booklet for
Hex(9BE7DE) contains.

Hex(9BE7DE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9BE7DE)

Conversions

Conversions Part 1

Format	Color
Hex	9BE7DE
RGB	155, 231, 222
RGB Percent	61%, 91%, 87%
CMY	0.3922, 0.0941, 0.1294
CMYK	0.33, 0.00, 0.04, 0.09
HSL	173°, 61%, 76%
HSV	173°, 33%, 91%
XYZ	55.2783, 69.3943, 79.5882
YIQ	207.2500, -42.4070, -18.9110

Conversions

Conversions Part 2

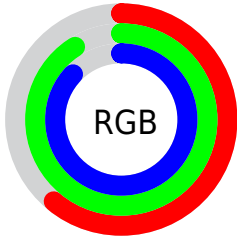
Format	Color
R _{YB}	155, 195, 231
Decimal	10217438
CIE Lab	86.70, -25.31, -3.09
CIE LCh	87, 25.498, 186.968
Yxy	69.3943, 0.2706, 0.3397
Android (android.graphics.Color)	4288407518 (0xFF9BE7DE)
YUV	207.2500, 7.2718, -45.8232
Hunter-Lab	83.3033, -27.3318, 1.6664

Details

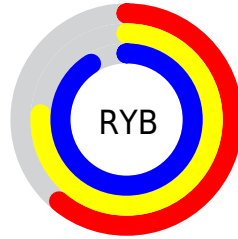
The Hex color **9BE7DE** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **E79BA4**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **D4FFFF**, and **64AFA7** is the 20% darker color. If you saturate the color by 10%, you get **84E7DB**, and if you desaturate by 10%, it is **B2E7E1**.

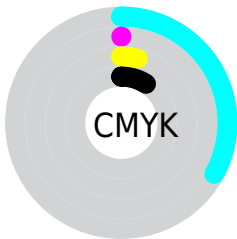
Distribution



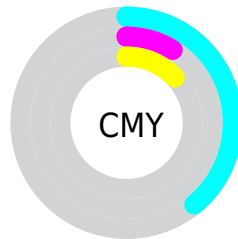
- Red (61%)
- Green (91%)
- Blue (87%)



- Red (61%)
- Yellow (76%)
- Blue (91%)



- Cyan (33%)
- Magenta (0%)
- Yellow (4%)
- Black (9%)



- Cyan (39%)
- Magenta (9%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BE7DE 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 9BE7DE by changing the saturation by 10% instead.

 9BE7DE

 9BE7DE

FFFFFF

 7FCBC2

 D4FFFF

 64AFA7

 F1FFFF

 49948D

 2D7A73

 07615B

 004943

 00322D

 001F18

 000000

 9BE7DE

 9BE7DE

 84E7DB

 B2E7E1

 6DE7D9

 C9E7E3

 56E7D6

 E0E7E6

 3FE7D3

 F7E7E9

 27E7D0

 FFE7EC

 10E7CE

 FFE7EE

 00E7CC

 FFE7F1

 FFE7F4

 FFE7F7

Harmonies

Analogous

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



B0E5C5



9BE7DE



96E5F5

Triad

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



9BE7DE



E4D1FF



FCD1AD

Complementary

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



9BE7DE



E79BA4

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.



FFCBBB



9BE7DE



FDCAEC

Square

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



9BE7DE



C4D9FF



FFC8D4



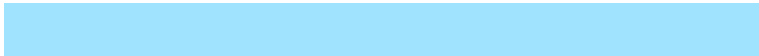
E6D9A9

Rectangle

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



9BE7DE



9FE3FF



FFC8D4



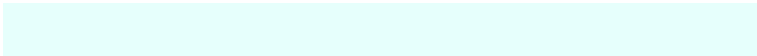
FFCFB1

Sweetspot

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



9BE7DE



E6FFFC



A5E79B



70807E



000000



808080

Same Dimension

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



9BE7DE



9CFFF3



9BCBE7



677371



00B39D



00332D

Inverse Universe

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



E79BA4



FF9CA7



E7B79B



736769



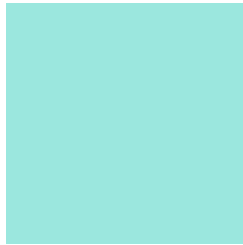
B30015



330006

Previews

White Background



This preview shows how the Hex color 9BE7DE looks on a white background.

Color Contrast Check

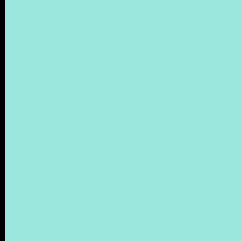
Large Text (above 18pt) WCAG AA × Fail

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 9BE7DE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

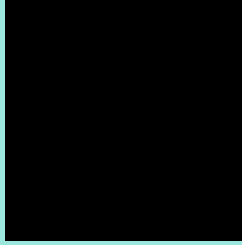
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

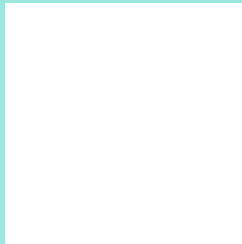
Any Text WCAG AAA ✓ Pass

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

Hex 9BE7DE Background



This preview shows how black text looks on a background with the Hex color 9BE7DE.



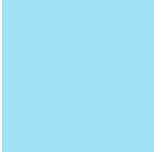
This preview shows how white text looks on a background with the Hex color 9BE7DE.

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



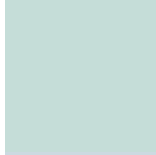


Tritanopia
A1E3F6

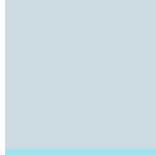
Trichromacy



Original Color
9BE7DE



Protanomaly
C5DDD8



Deuteranomaly
CCDAE1

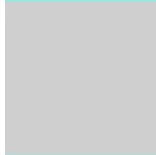


Tritanomaly
9FE4ED

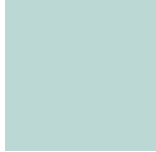
Monochromacy



Original Color
9BE7DE



Achromatopsia
CFCFCF



Achromatomaly
BCD8D4

CSS Examples

Text

The CSS property to change the color of the text to Hex 9BE7DE 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 #9BE7DE looks like.

```
.text, #text, p{  
    color:#9BE7DE  
}
```

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 #9BE7DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BE7DE
}
```

Border

The CSS property to change the border of an element to Hex 9BE7DE 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
#9BE7DE }
```

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

```
.border{ border-color:#9BE7DE }
```

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

Here you see how a box with a 4 pixel #9BE7DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BE7DE; -webkit-box-shadow:4px 4px  
4px 4px #9BE7DE; box-shadow:4px 4px 4px  
4px #9BE7DE }
```

Background

The CSS property to change the background color of an element to Hex 9BE7DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BE7DE }
```

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

```
.background{ background-color:#9BE7DE }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor