

Converting Colors

Hex(9CE1BE)

Have a look what the booklet for
Hex(9CE1BE) contains.

Hex(9CE1BE)	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(9CE1BE)

Conversions

Conversions Part 1

Format	Color
Hex	9CE1BE
RGB	156, 225, 190
RGB Percent	61%, 88%, 75%
CMY	0.3882, 0.1176, 0.2549
CMYK	0.31, 0.00, 0.16, 0.12
HSL	150°, 53%, 75%
HSV	150°, 31%, 88%
XYZ	49.9298, 64.6361, 58.5596
YIQ	200.3790, -29.8890, -25.5130

Conversions

Conversions Part 2

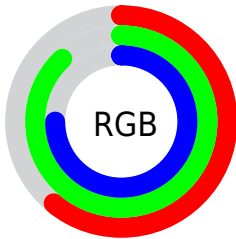
Format	Color
RYB	156, 202, 225
Decimal	10281406
CIELab	84.30, -28.87, 10.28
CIELCh	84, 30.646, 160.404
Yxy	64.6361, 0.2884, 0.3733
Android (android.graphics.Color)	4288471486 (0xFF9CE1BE)
YUV	200.3790, -5.1168, -38.9204
Hunter-Lab	80.3966, -29.8376, 13.0916

Details

The Hex color **9CE1BE** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **E19CBF**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **D4FFF6**, and **66A989** is the 20% darker color. If you saturate the color by 10%, you get **86E1B3**, and if you desaturate by 10%, it is **B3E1C9**.

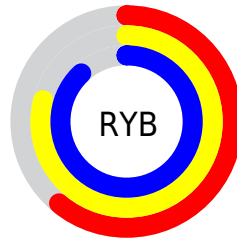
Distribution



Red (61%)

Green (88%)

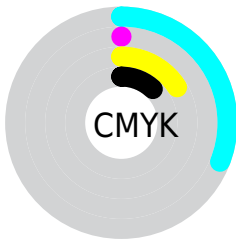
Blue (75%)



Red (61%)

Yellow (79%)

Blue (88%)

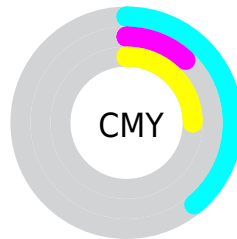


Cyan (31%)

Magenta (0%)

Yellow (16%)

Black (12%)



Cyan (39%)

Magenta (12%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CE1BE 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 9CE1BE by changing the saturation by 10% instead.

 9CE1BE

 9CE1BE

FFFFFF

 81C5A3

 D4FFF6

 66A989

 F1FFFF

 4C8F6F

 327557

 165C3F

 004429

 002D15

 001800

 000000

 9CE1BE

 9CE1BE

 86E1B3

 B3E1C9

 6FE1A7

 C9E1D5

 59E19C

 E0E1E0

 42E190

 F6E1EC

 2CE185

 FFE1F7

 15E17A

 FFE1FF

 00E16F

Harmonies

Analogous

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



BDDCA6



9CE1BE



82E3DC

Triad

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



9CE1BE



BDD2FF



FFC1AE

Complementary

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



9CE1BE



E19CBF

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.



FFBDC9



9CE1BE



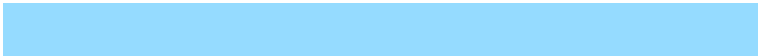
E3C7FE

Square

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



9CE1BE



95DBFF



FFC0E6



F8CA9D

Rectangle

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



9CE1BE



7CE2EE



FFC0E6



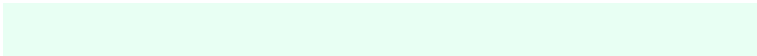
FFBFB6

Sweetspot

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



9CE1BE



E8FFF3



C0E19C



718078



000000



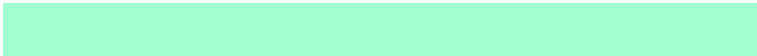
808080

Same Dimension

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



9CE1BE



A1FFCF



9CE1E0



65706B



00B057



003018

Inverse Universe

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



E19CBF



FFA1D1



E19C9D



70656B



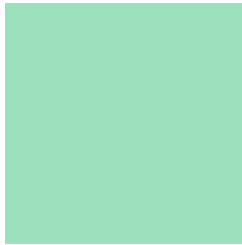
B00059



300019

Previews

White Background



This preview shows how the Hex color 9CE1BE looks on a white background.

Color Contrast Check

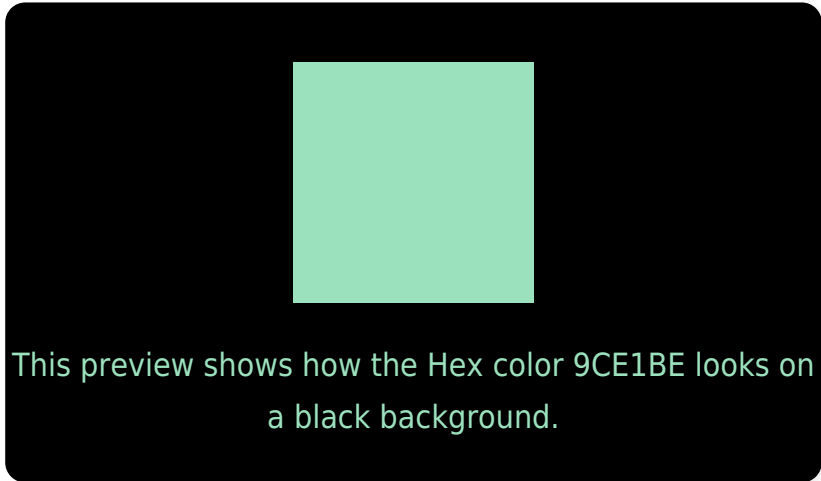
Large Text (above 18pt) WCAG AA × Fail

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 9CE1BE Background



This preview shows how black text looks on a background with the Hex color 9CE1BE.

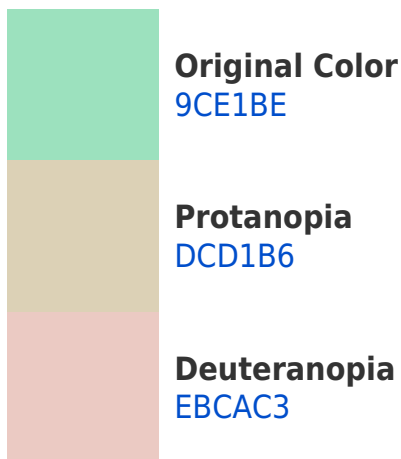


This preview shows how white text looks on a background with the Hex color 9CE1BE.

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
A6DBEC

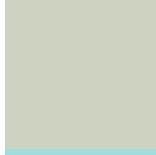
Trichromacy



Original Color
9CE1BE



Protanomaly
C5D7B9



Deuteranomaly
CED2C1

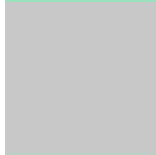


Tritanomaly
A2DDDB

Monochromacy



Original Color
9CE1BE



Achromatopsia
C8C8C8



Achromatomaly
B8D1C4

CSS Examples

Text

The CSS property to change the color of the text to Hex 9CE1BE 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 #9CE1BE looks like.

```
.text, #text, p{  
    color:#9CE1BE  
}
```

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 #9CE1BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CE1BE
}
```

Border

The CSS property to change the border of an element to Hex 9CE1BE 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
#9CE1BE }
```

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

```
.border{ border-color:#9CE1BE }
```

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

Here you see how a box with a 4 pixel #9CE1BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CE1BE; -webkit-box-shadow:4px 4px  
4px 4px #9CE1BE; box-shadow:4px 4px 4px  
4px #9CE1BE }
```

Background

The CSS property to change the background color of an element to Hex 9CE1BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CE1BE }
```

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

```
.background{ background-color:#9CE1BE }
```

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