

# Converting Colors

Hex(9CE2AB)

Have a look what the booklet for  
Hex(9CE2AB) contains.

<b>Hex(9CE2AB)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(9CE2AB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CE2AB
RGB	156, 226, 171
RGB Percent	61%, 89%, 67%
CMY	0.3882, 0.1137, 0.3294
CMYK	0.31, 0.00, 0.24, 0.11
HSL	133°, 55%, 75%
HSV	133°, 31%, 89%
XYZ	48.2573, 64.4009, 48.4153
YIQ	198.8000, -24.0650, -31.9450

# Conversions

## Conversions Part 2

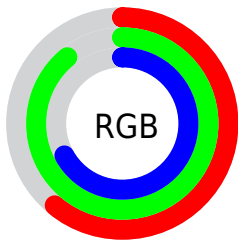
Format	Color
<a href="#">RYB</a>	<a href="#">156, 214, 226</a>
Decimal	<a href="#">10281643</a>
CIELab	<a href="#">84.17, -32.90, 20.06</a>
CIELCh	<a href="#">84, 38.536, 148.628</a>
Yxy	<a href="#">64.4009, 0.2996, 0.3998</a>
Android (android.graphics.Color)	<a href="#">4288471723 (0xFF9CE2AB)</a>
YUV	<a href="#">198.8000, -13.7054, -37.5356</a>
Hunter-Lab	<a href="#">80.2502, -33.0993, 20.4052</a>

# Details

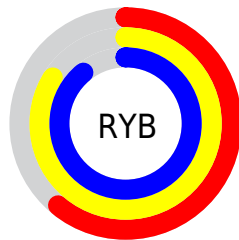
The Hex color **9CE2AB** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **E29CD3**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **D4FFE2**, and **66AA77** is the 20% darker color. If you saturate the color by 10%, you get **85E299**, and if you desaturate by 10%, it is **B3E2BD**.

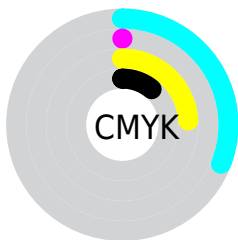
# Distribution



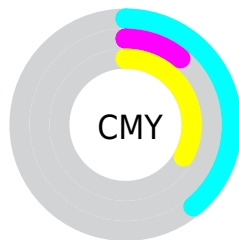
- Red (61%)
- Green (89%)
- Blue (67%)



- Red (61%)
- Yellow (84%)
- Blue (89%)



- Cyan (31%)
- Magenta (0%)
- Yellow (24%)
- Black (11%)



- Cyan (39%)
- Magenta (11%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9CE2AB 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 9CE2AB by changing the saturation by 10% instead.



 9CE2AB

 9CE2AB

FFFFFF

 81C690

 D4FFE2

 66AA77

 F1FFFF

 4C8F5E

 327646

 155C2F

 004419

 002D00

 001700

 000000

 9CE2AB

 9CE2AB

 85E299

 B3E2BD

 6FE287

 C9E2CF

 58E276

 E0E2E0

 42E264

 F6E2F2

 2BE252

 FFE2FF

 14E240

 00E230

# Harmonies

## Analogous

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



C7DA91



9CE2AB



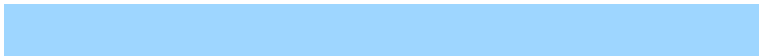
71E6CF

# Triad

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



9CE2AB



9ED6FF



FFB9B1

# Complementary

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



9CE2AB



E29CD3

# 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.



FFB7D5



9CE2AB



D4C9FF

# Square

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



9CE2AB



69E0FF



FFBDF8



FFC395

# Rectangle

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



9CE2AB



5AE6E8



FFBDF8



FFB7BC



# Sweetspot

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



9CE2AB



E8FFED



D4E29C



718074



000000



808080

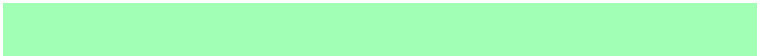


# Same Dimension

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



9CE2AB



A1FFB5



9CE2CD



657067



00B026



00300A



# Inverse Universe

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



E29CD3



FFA1EB



E29CB1



70656E



B0008A

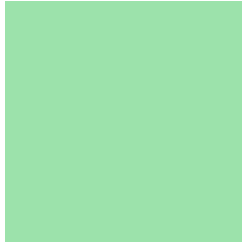


300026



# Previews

## White Background



This preview shows how the Hex color 9CE2AB looks on a white background.

## Color Contrast Check

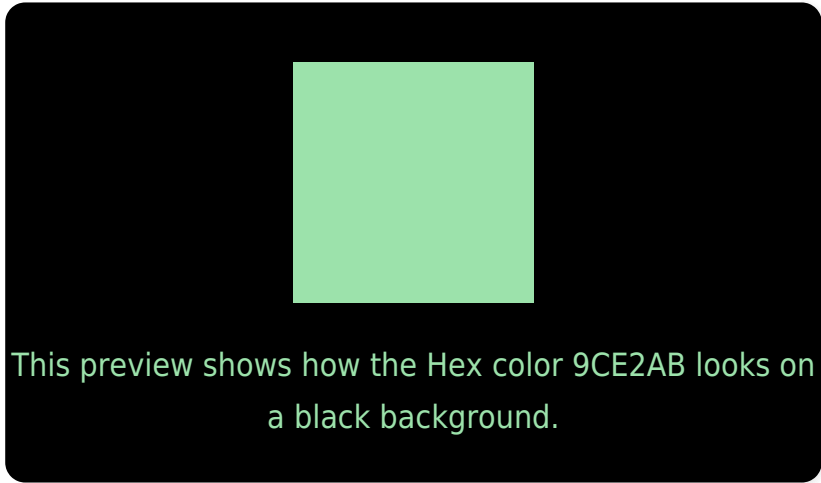
Large Text (above 18pt) WCAG AA × Fail

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

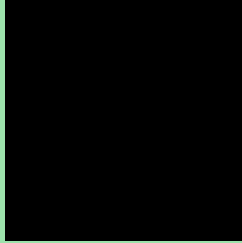
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9CE2AB Background



This preview shows how black text looks on a background with the Hex color 9CE2AB.

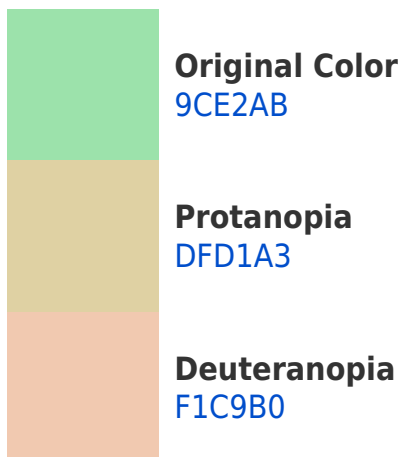


This preview shows how white text looks on a background with the Hex color 9CE2AB.

# 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**  
A8DAEB

# Trichromacy



**Original Color**  
9CE2AB



**Protanomaly**  
C7D7A6



**Deuteranomaly**  
D2D2AE



**Tritanomaly**  
A4DDD4

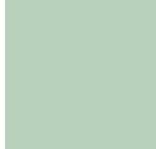
# Monochromacy



**Original Color**  
9CE2AB



**Achromatopsia**  
C7C7C7



**Achromatomaly**  
B7D1BD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9CE2AB 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 #9CE2AB looks like.

```
.text, #text, p{  
    color:#9CE2AB  
}
```

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 #9CE2AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CE2AB
}
```

## Border

The CSS property to change the border of an element to Hex 9CE2AB 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
#9CE2AB }
```

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

```
.border{ border-color:#9CE2AB }
```

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

Here you see how a box with a 4 pixel #9CE2AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CE2AB; -webkit-box-shadow:4px 4px  
4px 4px #9CE2AB; box-shadow:4px 4px 4px  
4px #9CE2AB }
```

# Background

The CSS property to change the background color of an element to Hex 9CE2AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CE2AB }
```

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

```
.background{ background-color:#9CE2AB }
```

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