

# Converting Colors

Hex(9AEEAA)

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

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# Color

**Hex(9AEEAA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9AEEAA
RGB	154, 238, 170
RGB Percent	60%, 93%, 67%
CMY	0.3961, 0.0667, 0.3333
CMYK	0.35, 0.00, 0.29, 0.07
HSL	131°, 71%, 77%
HSV	131°, 35%, 93%
XYZ	51.1567, 70.9214, 49.0232
YIQ	205.1320, -28.2360, -38.9560

# Conversions

## Conversions Part 2

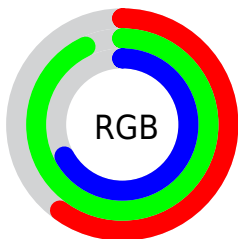
Format	Color
<a href="#">RYB</a>	<a href="#">154, 225, 238</a>
Decimal	<a href="#">10153642</a>
CIELab	<a href="#">87.45, -39.18, 25.07</a>
CIELCh	<a href="#">87, 46.509, 147.385</a>
Yxy	<a href="#">70.9214, 0.2990, 0.4145</a>
Android (android.graphics.Color)	<a href="#">4288343722 (0xFF9AEEAA)</a>
YUV	<a href="#">205.1320, -17.3201, -44.8428</a>
Hunter-Lab	<a href="#">84.2148, -38.9454, 24.4365</a>

# Details

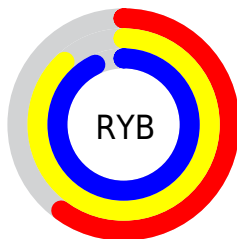
The Hex color **9AEEAA** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **EE9ADE**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **D3FFE2**, and **63B675** is the 20% darker color. If you saturate the color by 10%, you get **82EE97**, and if you desaturate by 10%, it is **B2EEBD**.

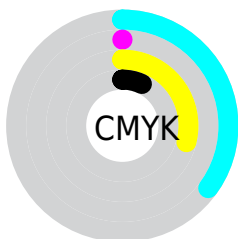
# Distribution



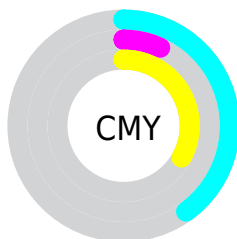
- Red (60%)
- Green (93%)
- Blue (67%)



- Red (60%)
- Yellow (88%)
- Blue (93%)



- Cyan (35%)
- Magenta (0%)
- Yellow (29%)
- Black (7%)



- Cyan (40%)
- Magenta (7%)
- Yellow (33%)

# Brightness & Saturation Gradients

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



 9AE6AA

 9AE6AA

FFFFFF

 7ED18F

 D3FFE2

 63B675

 F0FFFE

 489A5C

 2C8044

 05662D

 004E17

 003600

 002100

 000000

 9AEEAA

 9AEEAA

 82EE97

 B2EEBD

 6AEE83

 CAEED1

 53EE70

 E1EEE4

 3BEE5D

 F9EEF7

 23EE4A

 FFEEFF

 0BEE36

 00EE2D

# Harmonies

## Analogous

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



CEE58B



9AEEAA



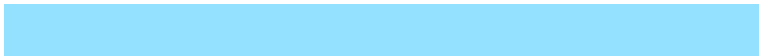
5DF2D6

# Triad

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



9AEEAA



93E1FF



FFBCB5

# Complementary

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



9AEEAA



EE9ADE

# 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.



FFB9E1



9AEEAA



DBD1FF

# Square

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



9AEEAA



3EECFE



FFC2FF



FFC892

# Rectangle

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



9AEEAA



29F3F4



FFC2FF



FFB9C3

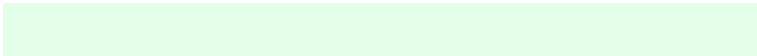


# Sweetspot

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



9AEEAA



E3FFE8



DFEE9A



6F8072



000000



808080

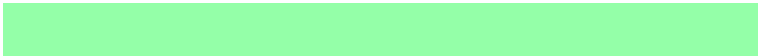


# Same Dimension

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



9AEEAA



94FFA8



9AEED3



6C786E



00B823



00380B



# Inverse Universe

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



EE9ADE



FF94EB



EE9AB5



786C76



B80095

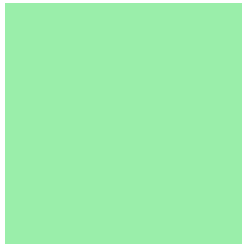


38002D



# Previews

## White Background



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

## Color Contrast Check

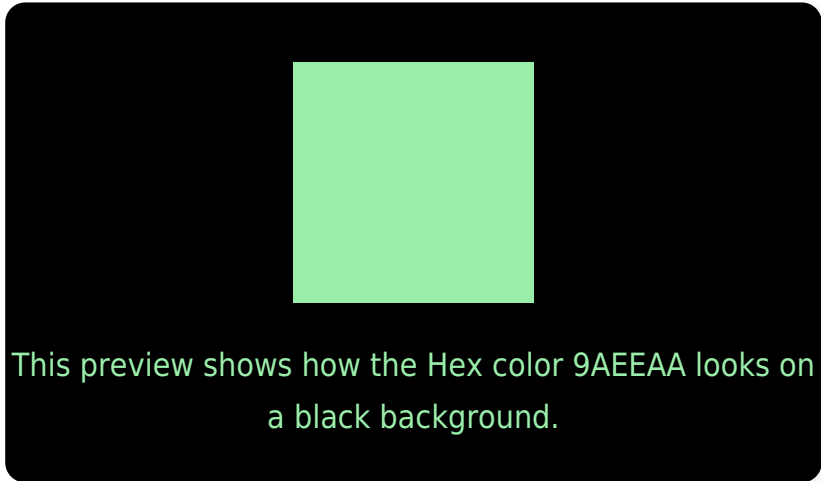
Large Text (above 18pt) WCAG AA × Fail

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

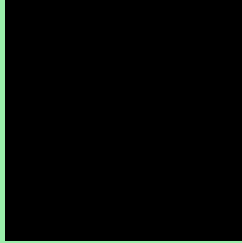
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9AEEAA Background



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

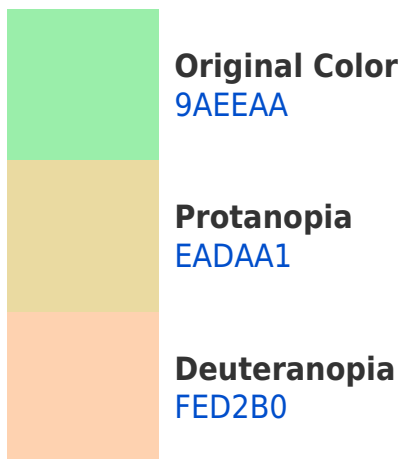


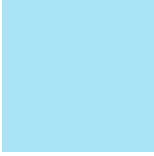
This preview shows how white text looks on a background with the Hex color 9AEEAA.

# 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](#).

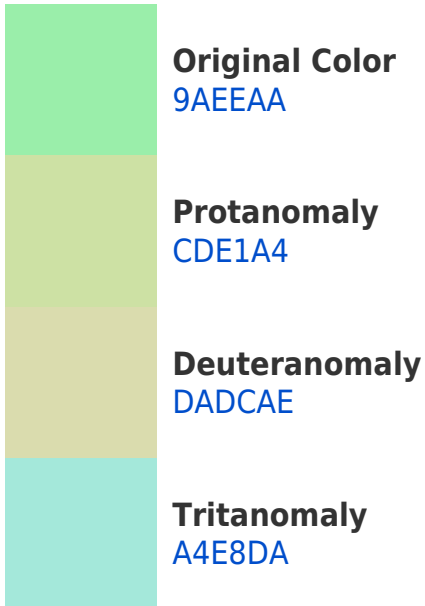
## Dichromacy



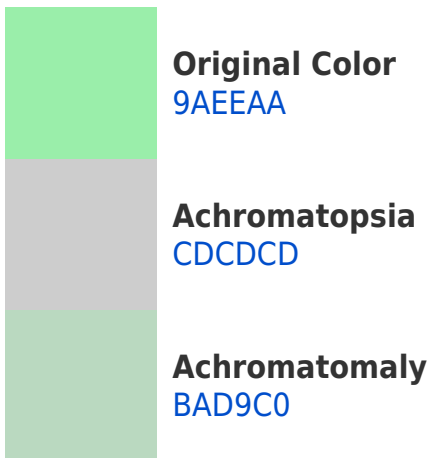


**Tritanopia**  
A9E4F6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #9AEEAA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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