

# Converting Colors

Hex(9AE79D)

Have a look what the booklet for  
Hex(9AE79D) contains.

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**Color**

**Hex(9AE79D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9AE79D
RGB	154, 231, 157
RGB Percent	60%, 91%, 62%
CMY	0.3961, 0.0941, 0.3843
CMYK	0.33, 0.00, 0.32, 0.09
HSL	122°, 62%, 75%
HSV	122°, 33%, 91%
XYZ	47.9881, 66.4562, 42.1964
YIQ	199.5410, -22.1380, -39.3380

# Conversions

## Conversions Part 2

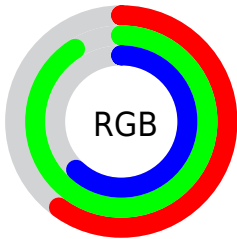
Format	Color
<b>RYB</b>	154, 228, 231
Decimal	10151837
CIELab	85.23, -38.19, 28.72
CIElCh	85, 47.783, 143.059
Yxy	66.4562, 0.3064, 0.4243
Android (android.graphics.Color)	4288341917 (0xFF9AE79D)
YUV	199.5410, -20.9727, -39.9395
Hunter-Lab	81.5207, -37.5849, 26.3750

# Details

The Hex color **9AE79D** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E79AE4**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **D2FFD4**, and **64AF69** is the 20% darker color. If you saturate the color by 10%, you get **83E787**, and if you desaturate by 10%, it is **B1E7B3**.

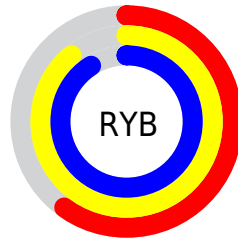
# Distribution



Red (60%)

Green (91%)

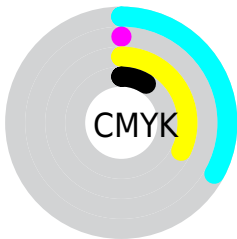
Blue (62%)



Red (60%)

Yellow (89%)

Blue (91%)

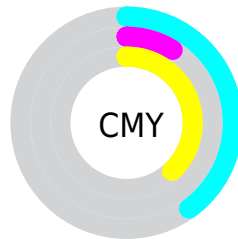


Cyan (33%)

Magenta (0%)

Yellow (32%)

Black (9%)



Cyan (40%)

Magenta (9%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9AE79D 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 9AE79D by changing the saturation by 10% instead.



 9AE79D

 9AE79D

FFFFFF

 7FCB83

 D2FFD4

 64AF69

 EFFFF1

 499450

 2D7A38

 0B6021

 00480A

 003000

 001B00

 000000

 9AE79D

 9AE79D

 83E787

 B1E7B3

 6CE771

 C8E7C9

 55E75A

 DFE7E0

 3EE744

 F6E7F6

 26E72E

 FFE7FF

 0FE718

 00E709

# Harmonies

## Analogous

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



CFDD80



9AE79D



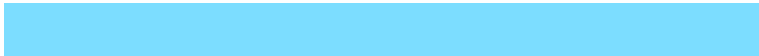
5AECC8

# Triad

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



9AE79D



7CDDFF



FFB3B4

# Complementary

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



9AE79D



E79AE4

# 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.



FFB2E1



9AE79D



CACDFF

# Square

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



9AE79D



00E7FF



FFBDFD



FFBF8E

# Rectangle

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



9AE79D



11EDE8



FFBDFD



FFB1C3

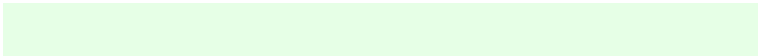


# Sweetspot

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



9AE79D



E6FFE6



E4E79A



708071



000000



808080



# Same Dimension

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



9AE79D



99FF9D



9AE7C3



677368



00B307



003302



# Inverse Universe

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



E79AE4



FF99FB



E79ABE



736772



B300AC

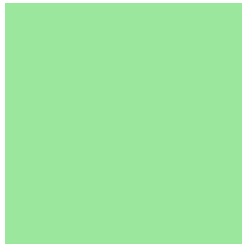


330031



# Previews

## White Background



This preview shows how the Hex color 9AE79D looks on a white background.

## Color Contrast Check

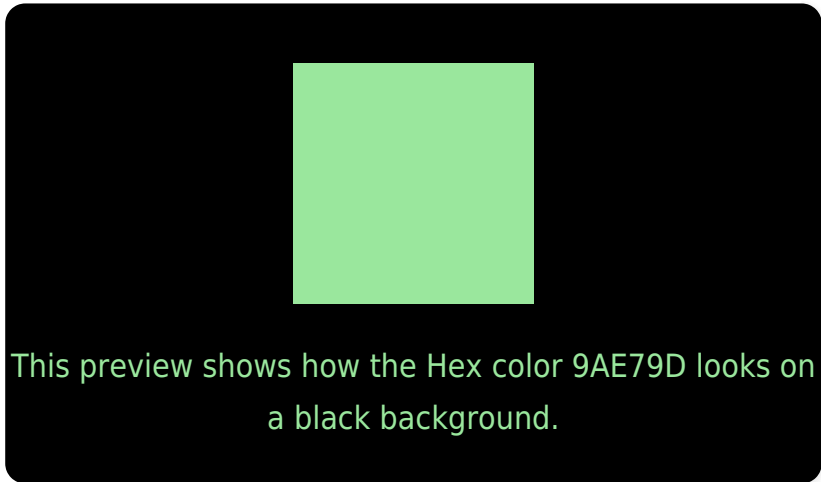
Large Text (above 18pt) WCAG AA × Fail

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

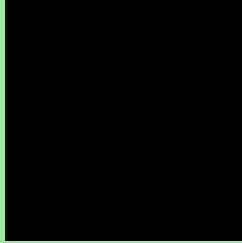
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9AE79D Background



This preview shows how black text looks on a background with the Hex color 9AE79D.

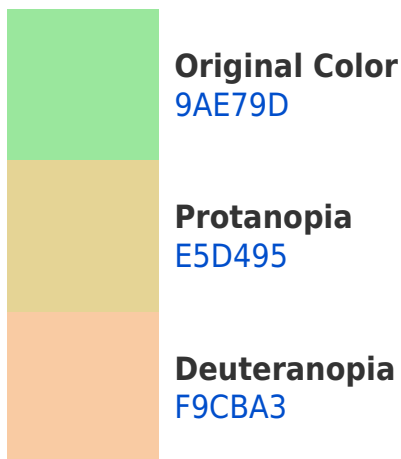


This preview shows how white text looks on a background with the Hex color 9AE79D.

# Color Blindness Simulation

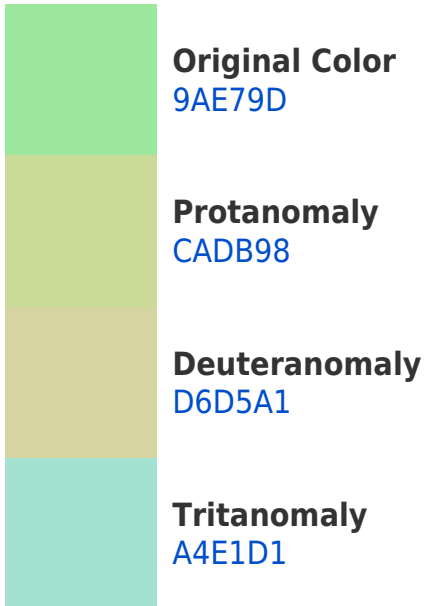
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

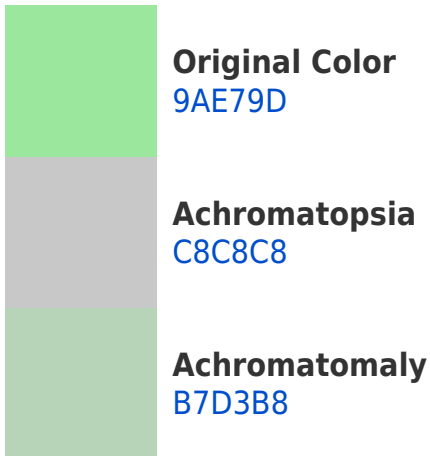




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9AE79D 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 #9AE79D looks like.

```
.text, #text, p{  
    color:#9AE79D  
}
```

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 #9AE79D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AE79D
}
```

## Border

The CSS property to change the border of an element to Hex 9AE79D 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
#9AE79D }
```

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

```
.border{ border-color:#9AE79D }
```

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

Here you see how a box with a 4 pixel #9AE79D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AE79D; -webkit-box-shadow:4px 4px  
4px 4px #9AE79D; box-shadow:4px 4px 4px  
4px #9AE79D }
```

# Background

The CSS property to change the background color of an element to Hex 9AE79D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AE79D }
```

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

```
.background{ background-color:#9AE79D }
```

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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