

# Converting Colors

Hex(9AE5A7)

Have a look what the booklet for  
Hex(9AE5A7) contains.

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**Color**

**Hex(9AE5A7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9AE5A7
RGB	154, 229, 167
RGB Percent	60%, 90%, 65%
CMY	0.3961, 0.1020, 0.3451
CMYK	0.33, 0.00, 0.27, 0.10
HSL	130°, 59%, 75%
HSV	130°, 33%, 90%
XYZ	48.3208, 65.6987, 46.6936
YIQ	199.5070, -24.7980, -35.1820

# Conversions

## Conversions Part 2

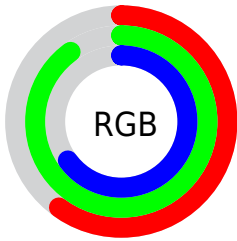
Format	Color
<a href="#">RYB</a>	<a href="#">154, 218, 229</a>
Decimal	<a href="#">10151335</a>
CIELab	<a href="#">84.84, -35.61, 23.05</a>
CIELCh	<a href="#">85, 42.415, 147.090</a>
Yxy	<a href="#">65.6987, 0.3007, 0.4088</a>
Android (android.graphics.Color)	<a href="#">4288341415 (0xFF9AE5A7)</a>
YUV	<a href="#">199.5070, -16.0260, -39.9096</a>
Hunter-Lab	<a href="#">81.0547, -35.4329, 22.5828</a>

# Details

The Hex color **9AE5A7** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **E59AD8**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **D2FFDE**, and **64AD73** is the 20% darker color. If you saturate the color by 10%, you get **83E594**, and if you desaturate by 10%, it is **B1E5BA**.

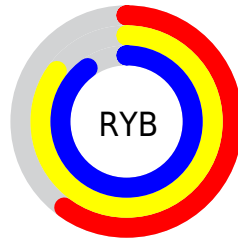
# Distribution



Red (60%)

Green (90%)

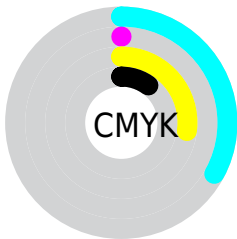
Blue (65%)



Red (60%)

Yellow (85%)

Blue (90%)

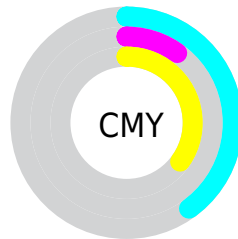


Cyan (33%)

Magenta (0%)

Yellow (27%)

Black (10%)



Cyan (40%)

Magenta (10%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9AE5A7 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 9AE5A7 by changing the saturation by 10% instead.



 9AE5A7

FFFFFF

 D2FFDE

 EFFFFB

 9AE5A7

 7FC98C

 64AD73

 49925A

 2E7842

 0F5F2B

 004615

 002F00

 001A00

 000000

 9AE5A7

 9AE5A7

 83E594

 B1E5BA

 6CE581

 C8E5CD

 55E56E


 DFE5E0

 3EE55B

 F6E5F3

 28E548

 FFE5FF

 11E535

 00E528

# Harmonies

## Analogous

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



C9DC8B



9AE5A7



66E9CE

# Triad

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



9AE5A7



94D9FF



FFB7B1

# Complementary

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



9AE5A7



E59AD8

# 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.



FFB5D9



9AE5A7



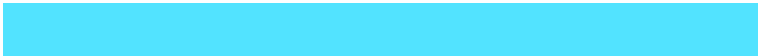
D3CBFF

# Square

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



9AE5A7



52E3FF



FFBDFD



FFC292

# Rectangle

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



9AE5A7



45E9EA



FFBDFD



FFB6BE

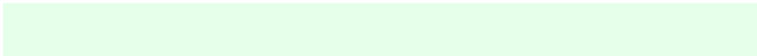


# Sweetspot

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



9AE5A7



E6FFEA



D9E59A



708073



000000



808080

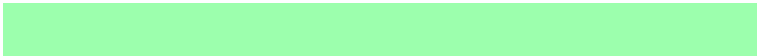


# Same Dimension

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



9AE5A7



9CFFAD



9AE5CC



677369



00B31F



003309



# Inverse Universe

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



E59AD8



FF9CEE



E59AB3



736771



B30094

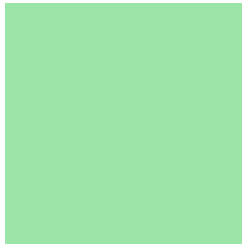


33002A



# Previews

## White Background



This preview shows how the Hex color 9AE5A7 looks on a white background.

## Color Contrast Check

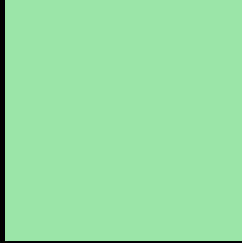
Large Text (above 18pt) WCAG AA × Fail

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 9AE5A7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

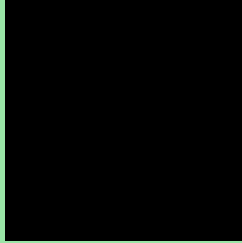
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9AE5A7 Background



This preview shows how black text looks on a background with the Hex color 9AE5A7.

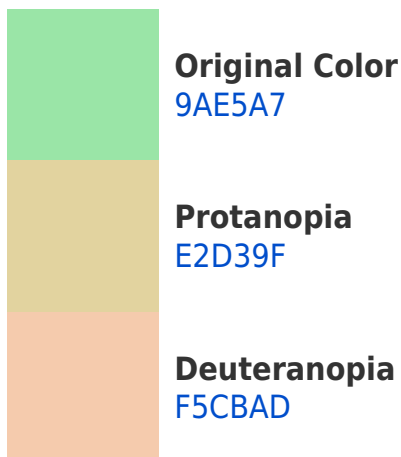


This preview shows how white text looks on a background with the Hex color 9AE5A7.

# 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](#).

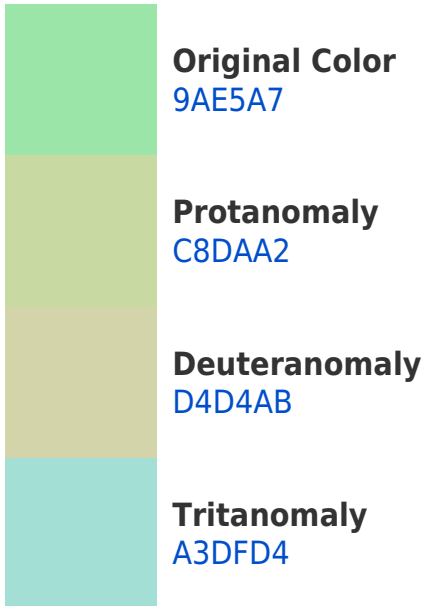
## Dichromacy



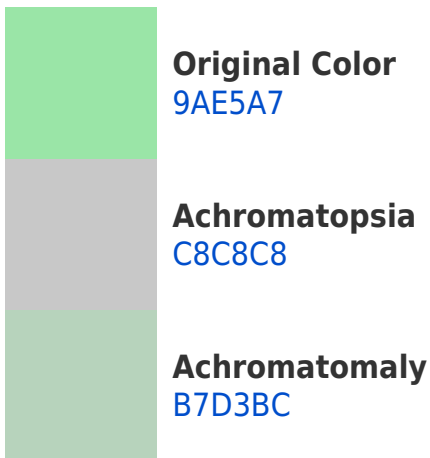


**Tritanopia**  
A8DCED

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9AE5A7 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 #9AE5A7 looks like.

```
.text, #text, p{  
    color:#9AE5A7  
}
```

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 #9AE5A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AE5A7  
}
```

## Border

The CSS property to change the border of an element to Hex 9AE5A7 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  
#9AE5A7 }
```

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

```
.border{ border-color:#9AE5A7 }
```

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

Here you see how a box with a 4 pixel #9AE5A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AE5A7; -webkit-box-shadow:4px 4px  
4px 4px #9AE5A7; box-shadow:4px 4px 4px  
4px #9AE5A7 }
```

# Background

The CSS property to change the background color of an element to Hex 9AE5A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AE5A7 }
```

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

```
.background{ background-color:#9AE5A7 }
```

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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