

# Converting Colors

Hex(A9E8AC)

Have a look what the booklet for  
Hex(A9E8AC) contains.

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# **Color**

**Hex(A9E8AC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A9E8AC
RGB	169, 232, 172
RGB Percent	66%, 91%, 67%
CMY	0.3373, 0.0902, 0.3255
CMYK	0.27, 0.00, 0.26, 0.09
HSL	123°, 58%, 79%
HSV	123°, 27%, 91%
XYZ	52.6652, 69.1268, 49.5968
YIQ	206.3230, -18.2880, -32.0160

# Conversions

## Conversions Part 2

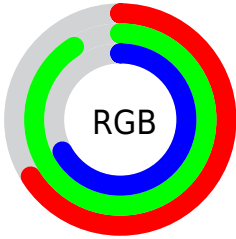
<b>Format</b>	<b>Color</b>
<b>RYB</b>	169, 229, 232
Decimal	11135148
CIELab	86.57, -31.42, 22.95
CIElCh	87, 38.915, 143.851
Yxy	69.1268, 0.3073, 0.4033
Android (android.graphics.Color)	4289325228 (0xFFA9E8AC)
YUV	206.3230, -16.9212, -32.7323
Hunter-Lab	83.1425, -32.4317, 22.8317

# Details

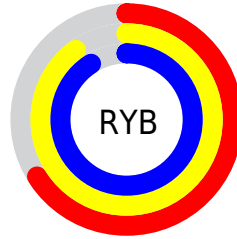
The Hex color **A9E8AC** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **E8A9E5**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **E1FFE4**, and **73B077** is the 20% darker color. If you saturate the color by 10%, you get **92E896**, and if you desaturate by 10%, it is **C0E8C2**.

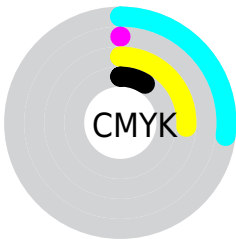
# Distribution



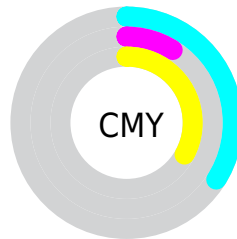
- Red (66%)
- Green (91%)
- Blue (67%)



- Red (66%)
- Yellow (90%)
- Blue (91%)



- Cyan (27%)
- Magenta (0%)
- Yellow (26%)
- Black (9%)



- Cyan (34%)
- Magenta (9%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A9E8AC 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 A9E8AC by changing the saturation by 10% instead.



 A9E8AC

 A9E8AC

FFFFFF

 8ECC91

 E1FFE4

 73B077

FEFFFF

 59955E

 407B46

 26622F

 064919

 003201

 001F00

 000000

 A9E8AC

 A9E8AC

 92E896

 C0E8C2

 7BE880

 D7E8D8

 63E86A

 EFE8EE

 4CE854

 FFE8FF

 35E83E

 1EE827

 07E811

 00E80B

# Harmonies

## Analogous

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



D4DF94



A9E8AC



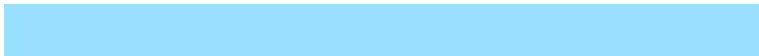
7DECD0

# Triad

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



A9E8AC



9BDFFF



FFBEBD

# Complementary

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



A9E8AC



E8A9E5

# 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.



FFBDE2



A9E8AC



D3D2FF

# Square

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



A9E8AC



68E8FF



FFC5FF



FFC79E

# Rectangle

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



A9E8AC



64EDE9



FFC5FF



FFBDC9

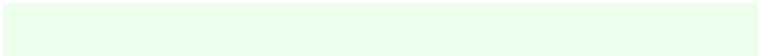


# Sweetspot

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



A9E8AC



EBFFEC



E6E8A9



738073



000000



808080

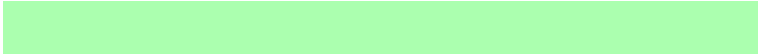


# Same Dimension

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



A9E8AC



ABFFAF



A9E8CB



677368



00B309



003302



# Inverse Universe

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



E8A9E5



FFABFB



E8A9C6



736772



B300AA

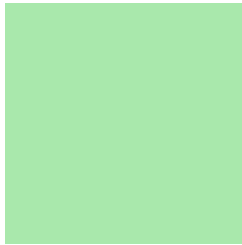


330031



# Previews

## White Background



This preview shows how the Hex color A9E8AC 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 A9E8AC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

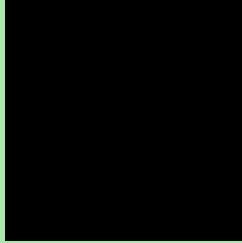
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A9E8AC Background



This preview shows how black text looks on a background with the Hex color A9E8AC.

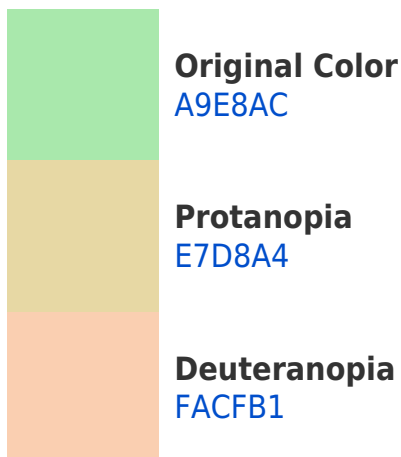


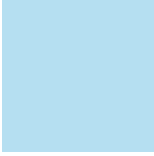
This preview shows how white text looks on a background with the Hex color A9E8AC.

# 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



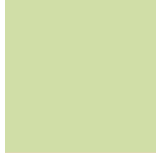


**Tritanopia**  
B5DFF1

# Trichromacy



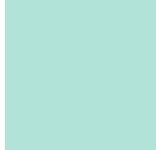
**Original Color**  
A9E8AC



**Protanomaly**  
D0DEA7



**Deuteranomaly**  
DDD8AF

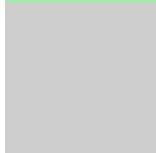


**Tritanomaly**  
B1E2D8

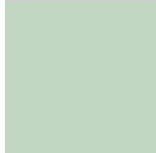
# Monochromacy



**Original Color**  
A9E8AC



**Achromatopsia**  
CECECE



**Achromatomaly**  
C1D7C2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A9E8AC 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 #A9E8AC looks like.

```
.text, #text, p{  
    color:#A9E8AC  
}
```

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 #A9E8AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A9E8AC
}
```

## Border

The CSS property to change the border of an element to Hex A9E8AC 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
#A9E8AC }
```

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

```
.border{ border-color:#A9E8AC }
```

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

Here you see how a box with a 4 pixel #A9E8AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A9E8AC; -webkit-box-shadow:4px 4px  
4px 4px #A9E8AC; box-shadow:4px 4px 4px  
4px #A9E8AC }
```

# Background

The CSS property to change the background color of an element to Hex A9E8AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A9E8AC }
```

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

```
.background{ background-color:#A9E8AC }
```

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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