

# Converting Colors

Hex(9ACE8C)

Have a look what the booklet for  
Hex(9ACE8C) contains.

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# **Color**

**Hex(9ACE8C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9ACE8C
RGB	154, 206, 140
RGB Percent	60%, 81%, 55%
CMY	0.3961, 0.1922, 0.4510
CMYK	0.25, 0.00, 0.32, 0.19
HSL	107°, 40%, 68%
HSV	107°, 32%, 81%
XYZ	40.1314, 52.9061, 32.9077
YIQ	182.9280, -9.8060, -31.5500

# Conversions

## Conversions Part 2

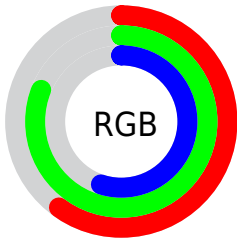
<b>Format</b>	<b>Color</b>
<b>RYB</b>	140, 206, 192
Decimal	10145420
CIELab	77.82, -29.29, 27.54
CIELCh	78, 40.204, 136.764
Yxy	52.9061, 0.3186, 0.4201
Android (android.graphics.Color)	4288335500 (0xFF9ACE8C)
YUV	182.9280, -21.1635, -25.3699
Hunter-Lab	72.7366, -28.8042, 24.0914

# Details

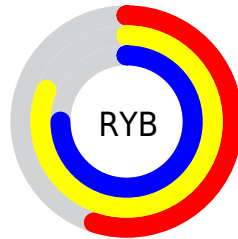
The Hex color **9ACE8C** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C08CCE**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **D2FFC2**, and **659759** is the 20% darker color. If you saturate the color by 10%, you get **8ACE77**, and if you desaturate by 10%, it is **AACEA1**.

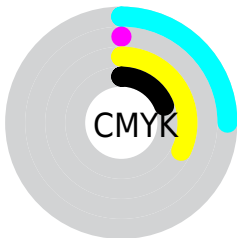
# Distribution



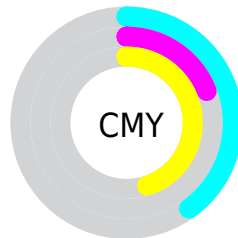
- Red (60%)
- Green (81%)
- Blue (55%)



- Red (55%)
- Yellow (81%)
- Blue (75%)



- Cyan (25%)
- Magenta (0%)
- Yellow (32%)
- Black (19%)



- Cyan (40%)
- Magenta (19%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9ACE8C 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 9ACE8C by changing the saturation by 10% instead.





9ACE8C



9ACE8C

FFFFFF



7FB272



D2FFC2



659759



EEFFDE



4C7D41



FFFFFFB



33642A



194C13



003400



002100



000000



9ACE8C



9ACE8C

 8ACE77

 AACEA1

 7ACE63

 BACEB5

 69CE4E

 CBCECA

 59CE3A

 DBCEDE

 49CE25

 EBCEF3

 39CE10

 FBCEFF

 2CCE00

 FFCEFF

# Harmonies

## Analogous

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



C4C578



9ACE8C



6BD3AE

# Triad

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



9ACE8C



6EC9FF



FFA4AD

# Complementary

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



9ACE8C



C08CCE

# 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.



FFA5D2



9ACE8C



ADBDFE

# Square

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



9ACE8C



32D1F6



DFAFF4



FFAC8C

# Rectangle

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



9ACE8C



49D4C8



DFAFF4



FFA3B9



# Sweetspot

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



9ACE8C



EBFFE6



CEC08C



738070



000000



808080

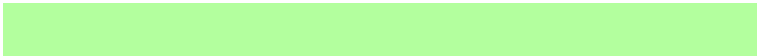


# Same Dimension

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



9ACE8C



B3FF9E



8CCE9F



5E665C



23A600



082600



# Inverse Universe

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



C08CCE



EA9EFF



CE8CBB



645C66



8300A6



1E0026



# Previews

## White Background



This preview shows how the Hex color 9ACE8C 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 9ACE8C looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

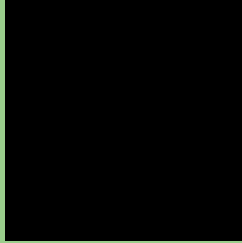
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9ACE8C Background



This preview shows how black text looks on a background with the Hex color 9ACE8C.

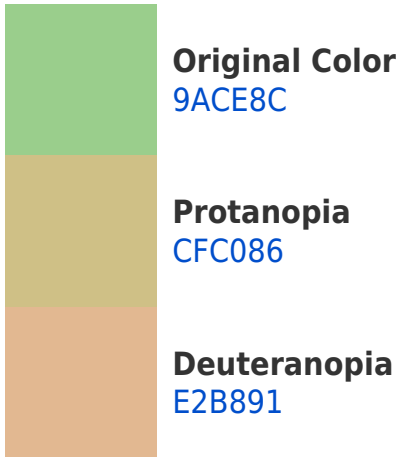


This preview shows how white text looks on a background with the Hex color 9ACE8C.

# 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](#).

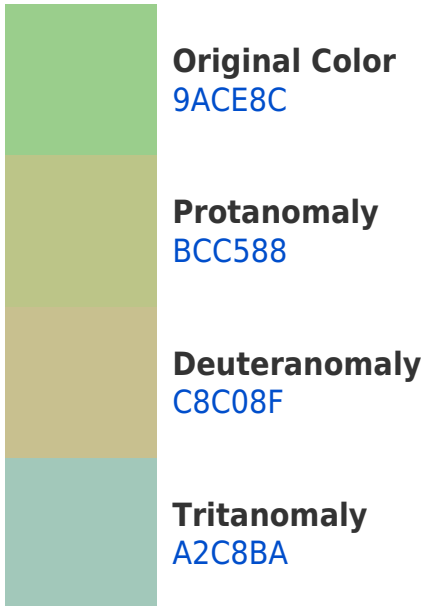
## Dichromacy



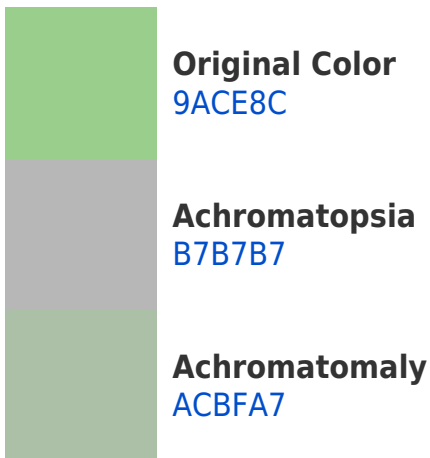


**Tritanopia**  
A6C5D5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9ACE8C 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 #9ACE8C looks like.

```
.text, #text, p{  
    color:#9ACE8C  
}
```

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 #9ACE8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9ACE8C
}
```

## Border

The CSS property to change the border of an element to Hex 9ACE8C 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
#9ACE8C }
```

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

```
.border{ border-color:#9ACE8C }
```

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

Here you see how a box with a 4 pixel #9ACE8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9ACE8C; -webkit-box-shadow:4px 4px  
4px 4px #9ACE8C; box-shadow:4px 4px 4px  
4px #9ACE8C }
```

# Background

The CSS property to change the background color of an element to Hex 9ACE8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9ACE8C }
```

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

```
.background{ background-color:#9ACE8C }
```

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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