

# Converting Colors

Hex(9AD19E)

Have a look what the booklet for  
Hex(9AD19E) contains.

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# **Color**

**Hex(9AD19E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9AD19E
RGB	154, 209, 158
RGB Percent	60%, 82%, 62%
CMY	0.3961, 0.1804, 0.3804
CMYK	0.26, 0.00, 0.24, 0.18
HSL	124°, 37%, 71%
HSV	124°, 26%, 82%
XYZ	42.2984, 54.9396, 40.7228
YIQ	186.7410, -16.4090, -27.5210

# Conversions

## Conversions Part 2

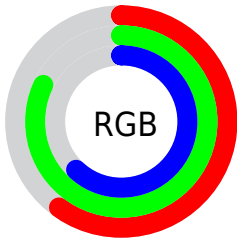
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 205, 209
Decimal	10146206
CIELab	79.01, -27.77, 19.71
CIELCh	79, 34.054, 144.641
Yxy	54.9396, 0.3066, 0.3982
Android (android.graphics.Color)	4288336286 (0xFF9AD19E)
YUV	186.7410, -14.1693, -28.7139
Hunter-Lab	74.1212, -27.8483, 19.3105

# Details

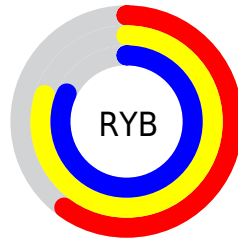
The Hex color **9AD19E** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D19ACD**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **D1FFD5**, and **659A6A** is the 20% darker color. If you saturate the color by 10%, you get **85D18B**, and if you desaturate by 10%, it is **AFD1B1**.

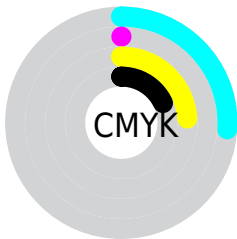
# Distribution



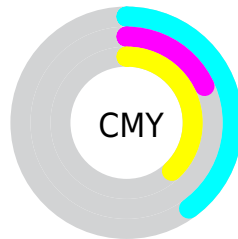
- Red (60%)
- Green (82%)
- Blue (62%)



- Red (60%)
- Yellow (80%)
- Blue (82%)



- Cyan (26%)
- Magenta (0%)
- Yellow (24%)
- Black (18%)



- Cyan (40%)
- Magenta (18%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9AD19E 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 9AD19E by changing the saturation by 10% instead.



 9AD19E

 9AD19E

FFFFFF

 7FB584

 D1FFD5

 659A6A

 EEFFF1

 4C8052

 33673B

 1A4E24

 00370F

 002200

 000000

 9AD19E

 9AD19E

 85D18B

 AFD1B1

 70D177

 C4D1C5

 5BD164

 D9D1D8

 46D150

 EED1EC

 31D13D

 FFD1FF

 1DD12A

 08D116

 00D10F

# Harmonies

## Analogous

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



BFCA89



9AD19E



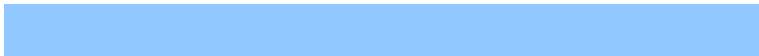
76D5BD

# Triad

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



9AD19E



91C8FF



FFADAB

# Complementary

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



9AD19E



D19ACD

# 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.



FEACCB



9AD19E



C0BDFD

# Square

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



9AD19E



68D0F6



E7B3E9



F7B591

# Rectangle

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



9AD19E



62D5D2



E7B3E9



FFACB5

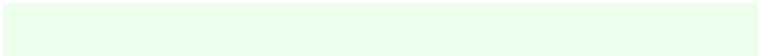


# Sweetspot

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



9AD19E



EBFFEC



CDD19A



738074



000000



808080

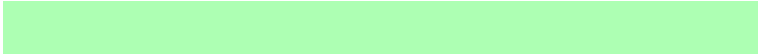


# Same Dimension

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



9AD19E



ADFFB3



9AD1B9



5E695F



00A80C



002903



# Inverse Universe

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



D19ACD



FFADF9



D19AB2



695E68



A8009C

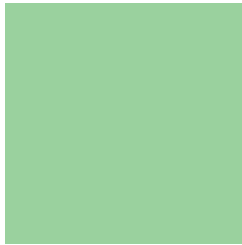


290026



# Previews

## White Background



This preview shows how the Hex color 9AD19E looks on a white background.

## Color Contrast Check

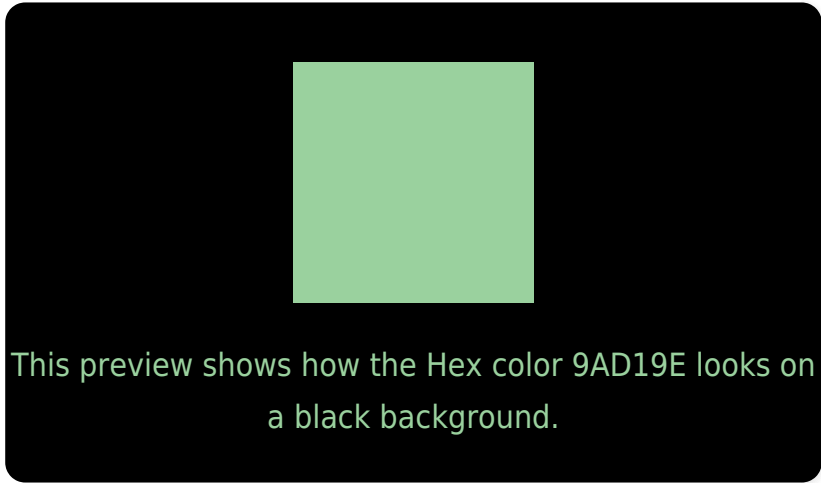
Large Text (above 18pt) WCAG AA × Fail

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

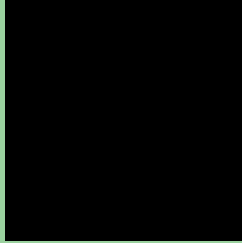
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9AD19E Background



This preview shows how black text looks on a background with the Hex color 9AD19E.

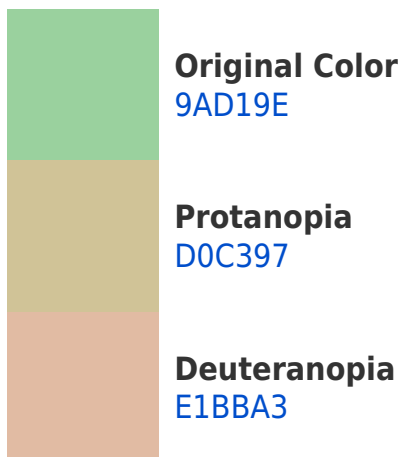


This preview shows how white text looks on a background with the Hex color 9AD19E.

# 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](#).

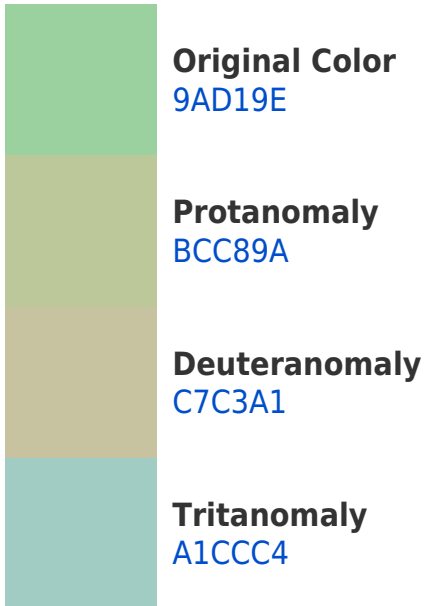
## Dichromacy



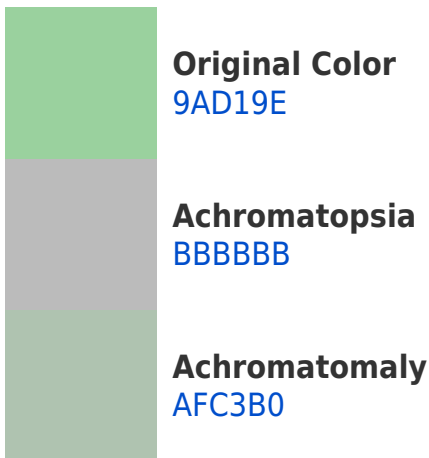


**Tritanopia**  
A5C9D9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9AD19E 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 #9AD19E looks like.

```
.text, #text, p{  
    color:#9AD19E  
}
```

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 #9AD19E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AD19E
}
```

## Border

The CSS property to change the border of an element to Hex 9AD19E 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
#9AD19E }
```

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

```
.border{ border-color:#9AD19E }
```

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

Here you see how a box with a 4 pixel #9AD19E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AD19E; -webkit-box-shadow:4px 4px  
4px 4px #9AD19E; box-shadow:4px 4px 4px  
4px #9AD19E }
```

# Background

The CSS property to change the background color of an element to Hex 9AD19E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AD19E }
```

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

```
.background{ background-color:#9AD19E }
```

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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