

# Converting Colors

Hex(9CC5AE)

Have a look what the booklet for  
Hex(9CC5AE) contains.

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# Color

**Hex(9CC5AE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CC5AE
RGB	156, 197, 174
RGB Percent	61%, 77%, 68%
CMY	0.3882, 0.2275, 0.3176
CMYK	0.21, 0.00, 0.12, 0.23
HSL	146°, 26%, 69%
HSV	146°, 21%, 77%
XYZ	41.3165, 50.0564, 47.5286
YIQ	182.1190, -17.0530, -15.8450

# Conversions

## Conversions Part 2

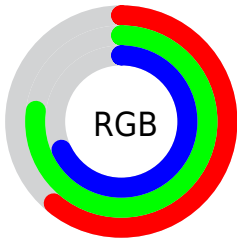
Format	Color
R <sub>Y</sub> B	156, 184, 197
Decimal	10274222
CIE Lab	76.10, -18.24, 7.08
CIE LCh	76, 19.566, 158.771
Yxy	50.0564, 0.2975, 0.3604
Android (android.graphics.Color)	4288464302 (0xFF9CC5AE)
YUV	182.1190, -4.0027, -22.9064
Hunter-Lab	70.7506, -19.5740, 9.6957

# Details

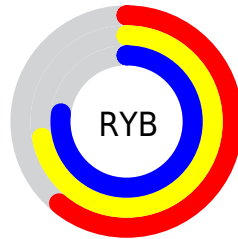
The Hex color **9CC5AE** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C59CB3**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **D3FEE5**, and **688F7A** is the 20% darker color. If you saturate the color by 10%, you get **88C5A3**, and if you desaturate by 10%, it is **B0C5B9**.

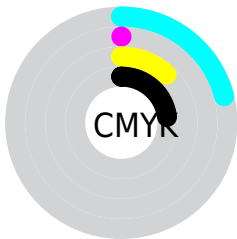
# Distribution



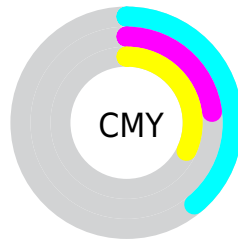
- Red (61%)
- Green (77%)
- Blue (68%)



- Red (61%)
- Yellow (72%)
- Blue (77%)



- Cyan (21%)
- Magenta (0%)
- Yellow (12%)
- Black (23%)



- Cyan (39%)
- Magenta (23%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9CC5AE 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 9CC5AE by changing the saturation by 10% instead.



 9CC5AE

 9CC5AE

FFFFFF

 82AA93

 D3FEE5

 688F7A

 F0FFFF

 4F7561

 375D49

 204533

 082E1D

 001B04

 000000

 9CC5AE

 9CC5AE

 88C5A3

 B0C5B9

 75C598

 C3C5C4

 61C58D

 D7C5CF

 4DC582

 EBC5DA

 3AC577

 FFC5E5

 26C56C

 FFC5F0

 12C561

 FFC5FB

 00C556

 FFC5FF

# Harmonies

## Analogous

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



B0C19F



9CC5AE



8EC6C0

# Triad

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



9CC5AE



AEBBDF



E0B1A6

# Complementary

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



9CC5AE



C59CB3

# 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.



E1AFB7



9CC5AE



C6B5D8

# Square

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



9CC5AE



98C1DD



D8B1C9



D5B69A

# Rectangle

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



9CC5AE



8BC6CC



D8B1C9



E1B0AB

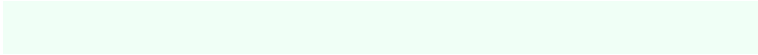


# Sweetspot

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



9CC5AE



F0FFF6



B3C59C



77807A



000000



808080

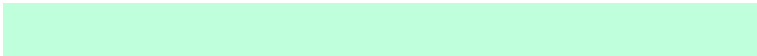


# Same Dimension

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



9CC5AE



BFFFDB



9CC5C2



5A635E



00A348



002410



# Inverse Universe

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



C59CB3



FFBFE3



C59C9F



635A5F



A3005C

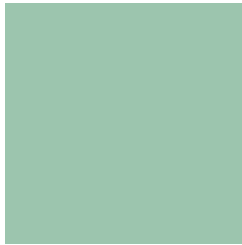


240014



# Previews

## White Background



This preview shows how the Hex color 9CC5AE looks on a white background.

## Color Contrast Check

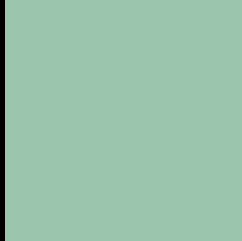
Large Text (above 18pt) WCAG AA × Fail

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 9CC5AE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

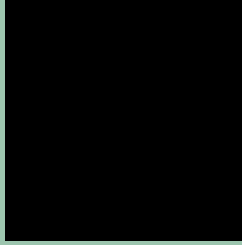
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

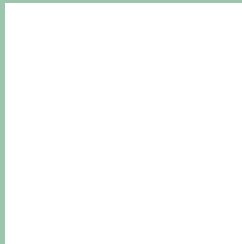
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9CC5AE Background



This preview shows how black text looks on a background with the Hex color 9CC5AE.

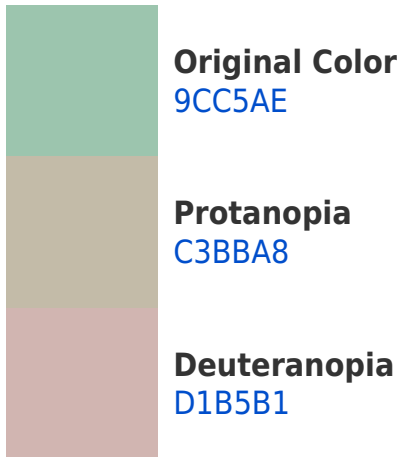


This preview shows how white text looks on a background with the Hex color 9CC5AE.

# 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](#).

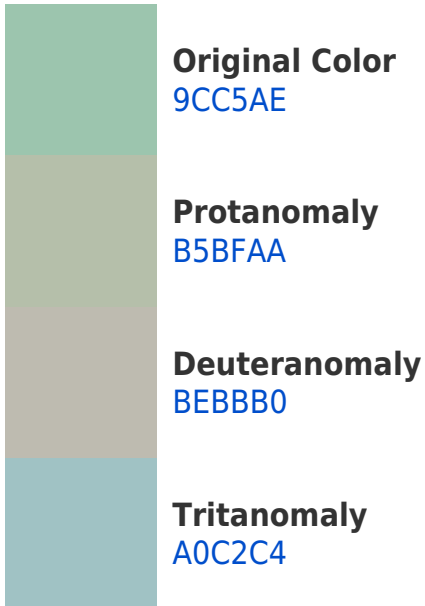
## Dichromacy



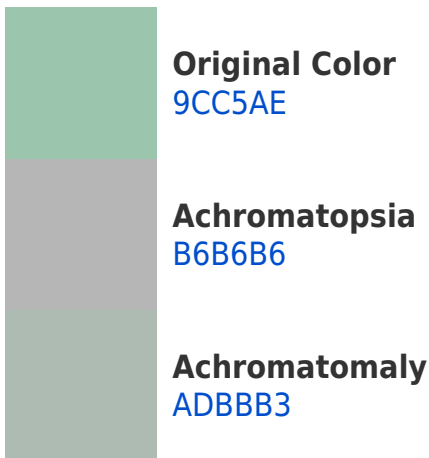


**Tritanopia**  
A2C0D0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9CC5AE 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 #9CC5AE looks like.

```
.text, #text, p{  
    color:#9CC5AE  
}
```

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 #9CC5AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CC5AE
}
```

## Border

The CSS property to change the border of an element to Hex 9CC5AE 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
#9CC5AE }
```

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

```
.border{ border-color:#9CC5AE }
```

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

Here you see how a box with a 4 pixel #9CC5AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CC5AE; -webkit-box-shadow:4px 4px  
4px 4px #9CC5AE; box-shadow:4px 4px 4px  
4px #9CC5AE }
```

# Background

The CSS property to change the background color of an element to Hex 9CC5AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CC5AE }
```

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

```
.background{ background-color:#9CC5AE }
```

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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