

# Converting Colors

Hex(9DC8AB)

Have a look what the booklet for  
Hex(9DC8AB) contains.

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# **Color**

**Hex(9DC8AB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DC8AB
RGB	157, 200, 171
RGB Percent	62%, 78%, 67%
CMY	0.3843, 0.2157, 0.3294
CMYK	0.21, 0.00, 0.15, 0.22
HSL	140°, 28%, 70%
HSV	140°, 21%, 78%
XYZ	41.9096, 51.4169, 46.2437
YIQ	183.8370, -16.3190, -18.1350

# Conversions

## Conversions Part 2

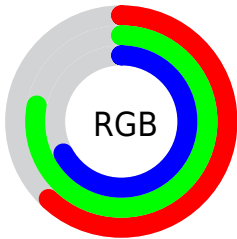
<b>Format</b>	<b>Color</b>
<b>RYB</b>	157, 189, 200
Decimal	10340523
CIELab	76.93, -20.00, 9.89
CIElCh	77, 22.311, 153.686
Yxy	51.4169, 0.3003, 0.3684
Android (android.graphics.Color)	4288530603 (0xFF9DC8AB)
YUV	183.8370, -6.3286, -23.5360
Hunter-Lab	71.7056, -21.1573, 11.9572

# Details

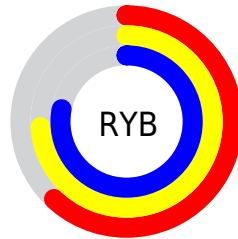
The Hex color **9DC8AB** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C89DBA**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **D4FFE2**, and **699277** is the 20% darker color. If you saturate the color by 10%, you get **89C89E**, and if you desaturate by 10%, it is **B1C8B8**.

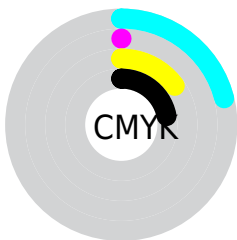
# Distribution



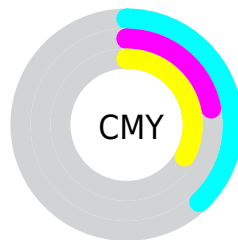
- Red (62%)
- Green (78%)
- Blue (67%)



- Red (62%)
- Yellow (74%)
- Blue (78%)



- Cyan (21%)
- Magenta (0%)
- Yellow (15%)
- Black (22%)



- Cyan (38%)
- Magenta (22%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9DC8AB 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 9DC8AB by changing the saturation by 10% instead.





9DC8AB



9DC8AB

FFFFFF



83AD90



D4FFE2



699277



F1FFFF



50785E



385F46



214730



08311B



001D00



000000



9DC8AB



9DC8AB

 89C89E

 B1C8B8

 75C890

 C5C8C6

 61C883

 D9C8D3

 4DC875

 EDC8E1

 39C868

 FFC8EE

 25C85A

 FFC8FC

 11C84D

 FFC8FF

 00C841

# Harmonies

## Analogous

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



B4C49B



9DC8AB



8BCAC0

# Triad

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



9DC8AB



A9BFE7



E8B1A8

# Complementary

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



9DC8AB



C89DBA

# 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.



E7AFBC



9DC8AB



C5B8E0

# Square

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



9DC8AB



91C5E2



DBB2D1



DDB69A

# Rectangle

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



9DC8AB



85C9CE



DBB2D1



E9B0AE

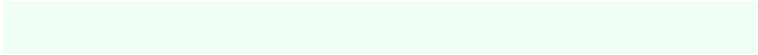


# Sweetspot

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



9DC8AB



F0FFF5



BAC89D



778079



000000



808080

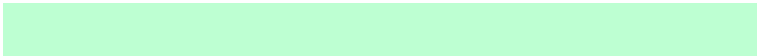


# Same Dimension

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



9DC8AB



BDFFD2



9DC8C0



5A635D



00A335



00240C



# Inverse Universe

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



C89DBA



FFBDE9



C89DA5



635A60



A3006E



240018



# Previews

## White Background



This preview shows how the Hex color 9DC8AB looks on a white background.

## Color Contrast Check

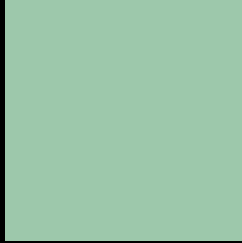
Large Text (above 18pt) WCAG AA × Fail

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 9DC8AB 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 9DC8AB Background



This preview shows how black text looks on a background with the Hex color 9DC8AB.

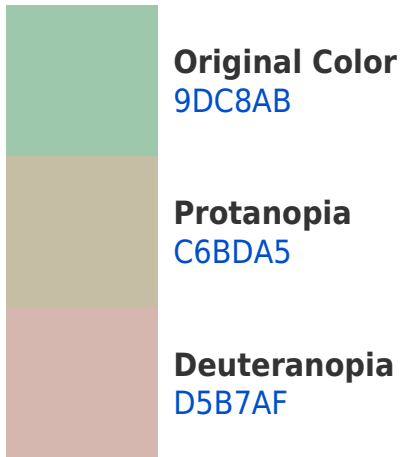


This preview shows how white text looks on a background with the Hex color 9DC8AB.

# 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](#).

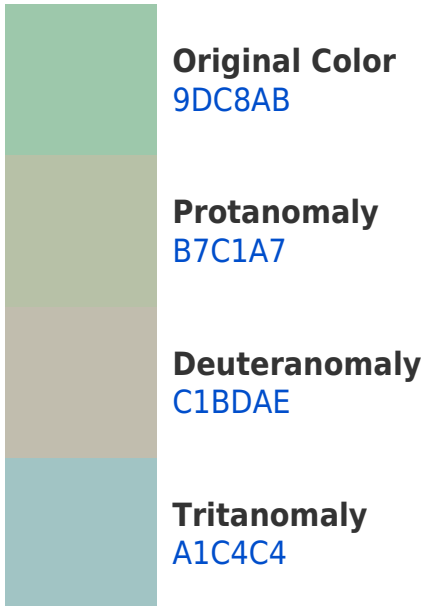
## Dichromacy



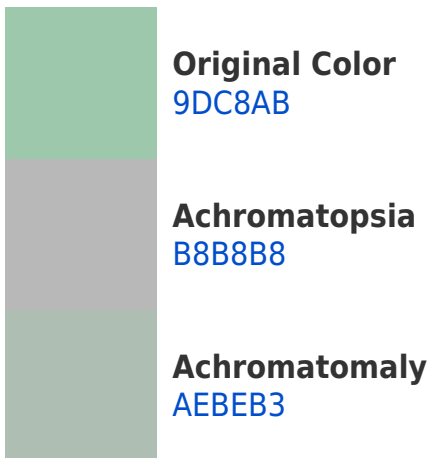


**Tritanopia**  
A4C2D2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9DC8AB 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 #9DC8AB looks like.

```
.text, #text, p{  
    color:#9DC8AB  
}
```

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 #9DC8AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DC8AB
}
```

## Border

The CSS property to change the border of an element to Hex 9DC8AB 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
#9DC8AB }
```

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

```
.border{ border-color:#9DC8AB }
```

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

Here you see how a box with a 4 pixel #9DC8AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DC8AB; -webkit-box-shadow:4px 4px  
4px 4px #9DC8AB; box-shadow:4px 4px 4px  
4px #9DC8AB }
```

# Background

The CSS property to change the background color of an element to Hex 9DC8AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DC8AB }
```

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

```
.background{ background-color:#9DC8AB }
```

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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