

# Converting Colors

Hex(9CD3A1)

Have a look what the booklet for  
Hex(9CD3A1) contains.

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# **Color**

**Hex(9CD3A1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CD3A1
RGB	156, 211, 161
RGB Percent	61%, 83%, 63%
CMY	0.3882, 0.1725, 0.3686
CMYK	0.26, 0.00, 0.24, 0.17
HSL	125°, 38%, 72%
HSV	125°, 26%, 83%
XYZ	43.4376, 56.2297, 42.2822
YIQ	188.8550, -16.7300, -27.2100

# Conversions

## Conversions Part 2

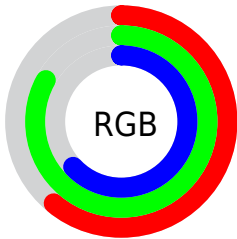
Format	Color
<a href="#">RYB</a>	<a href="#">156, 206, 211</a>
Decimal	<a href="#">10277793</a>
CIELab	<a href="#">79.74, -27.56, 19.16</a>
CIELCh	<a href="#">80, 33.565, 145.185</a>
Yxy	<a href="#">56.2297, 0.3060, 0.3961</a>
Android (android.graphics.Color)	<a href="#">4288467873 (0xFF9CD3A1)</a>
YUV	<a href="#">188.8550, -13.7325, -28.8138</a>
Hunter-Lab	<a href="#">74.9864, -27.8261, 19.0590</a>

# Details

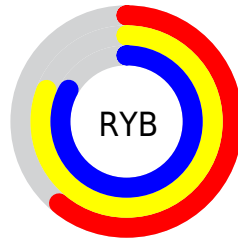
The Hex color **9CD3A1** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D39CCE**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **D3FFD8**, and **679C6D** is the 20% darker color. If you saturate the color by 10%, you get **87D38E**, and if you desaturate by 10%, it is **B1D3B4**.

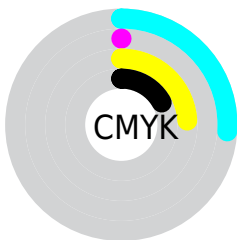
# Distribution



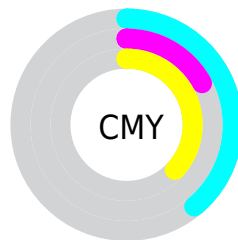
- Red (61%)
- Green (83%)
- Blue (63%)



- Red (61%)
- Yellow (81%)
- Blue (83%)



- Cyan (26%)
- Magenta (0%)
- Yellow (24%)
- Black (17%)



- Cyan (39%)
- Magenta (17%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9CD3A1 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 9CD3A1 by changing the saturation by 10% instead.



 9CD3A1

 9CD3A1

FFFFFF

 81B787

 D3FFD8

 679C6D

 F0FFF4

 4E8255

 35683D

 1C5027

 003912

 002300

 000000

 9CD3A1

 9CD3A1

 87D38E

 B1D3B4

 72D37B

 C6D3C7

 5DD367

 DBD3DB

 48D354

 F0D3EE

 33D341

 FFD3FF

 1DD32E

 08D31B

 00D313

# Harmonies

## Analogous

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



C0CC8C



9CD3A1



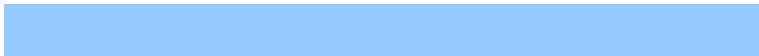
79D7BF

# Triad

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



9CD3A1



95CAFF



FFB0AD

# Complementary

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



9CD3A1



D39CCE

# 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.



FFAFCC



9CD3A1



C3BFFE

# Square

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



9CD3A1



6DD2F8



E9B5EA



F9B793

# Rectangle

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



9CD3A1



66D7D5



E9B5EA



FFAFB7



# Sweetspot

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



9CD3A1



EBFFEC



CED39C



738074



000000



808080

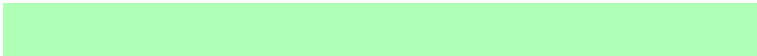


# Same Dimension

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



9CD3A1



B0FFB7



9CD3BC



5E695F



00A80F



002904



# Inverse Universe

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



D39CCE



FFB0F8



D39CB3



695E68



A80099

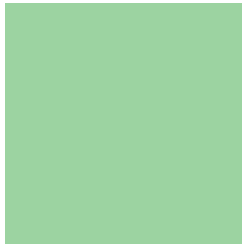


290025



# Previews

## White Background



This preview shows how the Hex color 9CD3A1 looks on a white background.

## Color Contrast Check

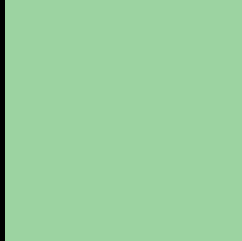
Large Text (above 18pt) WCAG AA × Fail

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 9CD3A1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

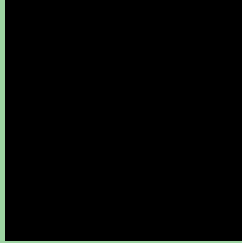
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9CD3A1 Background



This preview shows how black text looks on a background with the Hex color 9CD3A1.

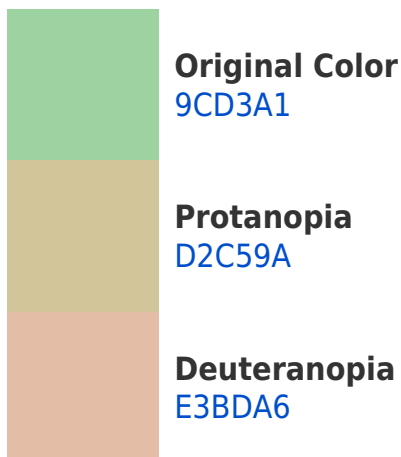


This preview shows how white text looks on a background with the Hex color 9CD3A1.

# 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](#).

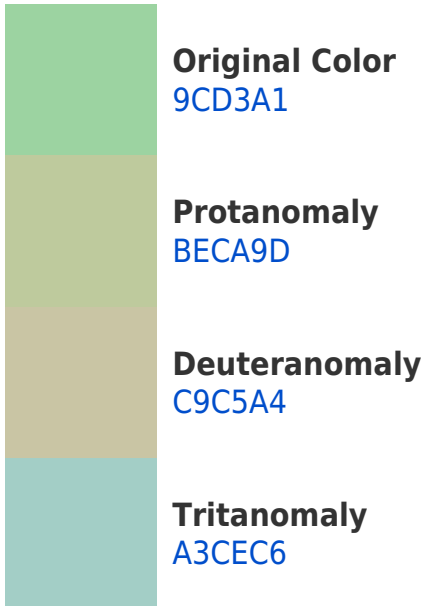
## Dichromacy



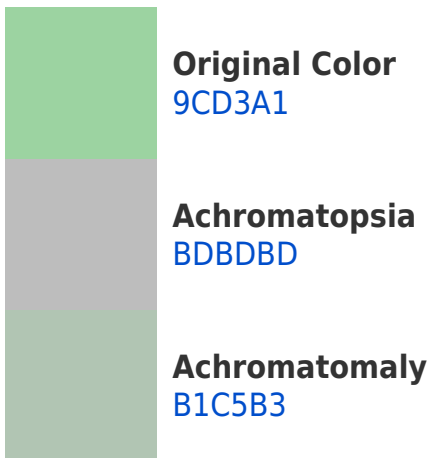


**Tritanopia**  
A7CBDB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9CD3A1 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 #9CD3A1 looks like.

```
.text, #text, p{  
    color:#9CD3A1  
}
```

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 #9CD3A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CD3A1
}
```

## Border

The CSS property to change the border of an element to Hex 9CD3A1 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
#9CD3A1 }
```

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

```
.border{ border-color:#9CD3A1 }
```

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

Here you see how a box with a 4 pixel #9CD3A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CD3A1; -webkit-box-shadow:4px 4px  
4px 4px #9CD3A1; box-shadow:4px 4px 4px  
4px #9CD3A1 }
```

# Background

The CSS property to change the background color of an element to Hex 9CD3A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CD3A1 }
```

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

```
.background{ background-color:#9CD3A1 }
```

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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