

# Converting Colors

Hex(9CD89E)

Have a look what the booklet for  
Hex(9CD89E) contains.

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# **Color**

**Hex(9CD89E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CD89E
RGB	156, 216, 158
RGB Percent	61%, 85%, 62%
CMY	0.3882, 0.1529, 0.3804
CMYK	0.28, 0.00, 0.27, 0.15
HSL	122°, 43%, 73%
HSV	122°, 28%, 85%
XYZ	44.4377, 58.6483, 41.3259
YIQ	191.4480, -17.1420, -30.7580

# Conversions

## Conversions Part 2

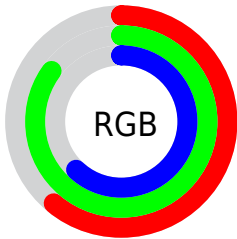
Format	Color
<a href="#">RYB</a>	<a href="#">156, 214, 216</a>
Decimal	<a href="#">10279070</a>
CIELab	<a href="#">81.10, -30.46, 22.60</a>
CIELCh	<a href="#">81, 37.929, 143.418</a>
Yxy	<a href="#">58.6483, 0.3077, 0.4061</a>
Android (android.graphics.Color)	<a href="#">4288469150 (0xFF9CD89E)</a>
YUV	<a href="#">191.4480, -16.4899, -31.0879</a>
Hunter-Lab	<a href="#">76.5822, -30.4420, 21.6130</a>

# Details

The Hex color **9CD89E** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D89CD6**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **D4FFD5**, and **67A16A** is the 20% darker color. If you saturate the color by 10%, you get **86D889**, and if you desaturate by 10%, it is **B2D8B3**.

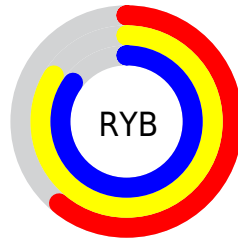
# Distribution



Red (61%)

Green (85%)

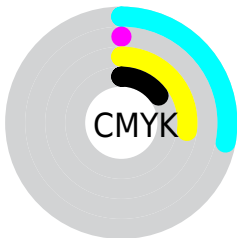
Blue (62%)



Red (61%)

Yellow (84%)

Blue (85%)

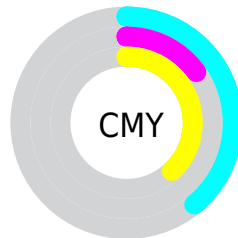


Cyan (28%)

Magenta (0%)

Yellow (27%)

Black (15%)



Cyan (39%)

Magenta (15%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9CD89E 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 9CD89E by changing the saturation by 10% instead.



 9CD89E

 9CD89E

FFFFFF

 81BC84

 D4FFD5

 67A16A

 F0FFF1

 4D8652

 346D3A

 1A5424

 003C0E

 002600

 000800

 000000

 9CD89E

 9CD89E

 86D889

 B2D8B3

 71D874

 C7D8C8

 5BD85F

 DDD8DD

 46D84A

 F2D8F2

 30D836

 FFD8FF

 1AD821

 05D80C

 00D807

# Harmonies

## Analogous

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



C5D087



9CD89E



71DCC0

# Triad

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



9CD89E



8CCFFF



FFB0AF

# Complementary

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



9CD89E



D89CD6

# 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.



FFAFD3



9CD89E



C3C3FF

# Square

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



9CD89E



5AD8FF



EFB7F4



FFB892

# Rectangle

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



9CD89E



58DDD9



EFB7F4



FFAFBB

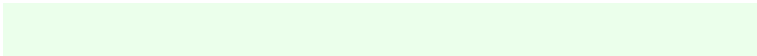


# Sweetspot

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



9CD89E



EBFFEB



D6D89C



738073



000000



808080

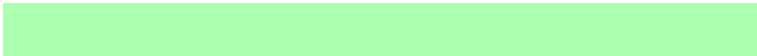


# Same Dimension

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



9CD89E



ABFFAE



9CD8BC



606B61



00AB06



002B01



# Inverse Universe

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



D89CD6



FFABFC



D89CB8



6B606B



AB00A5

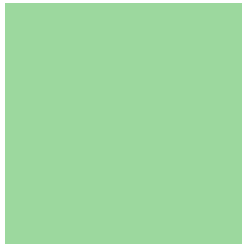


2B002A



# Previews

## White Background



This preview shows how the Hex color 9CD89E looks on a white background.

## Color Contrast Check

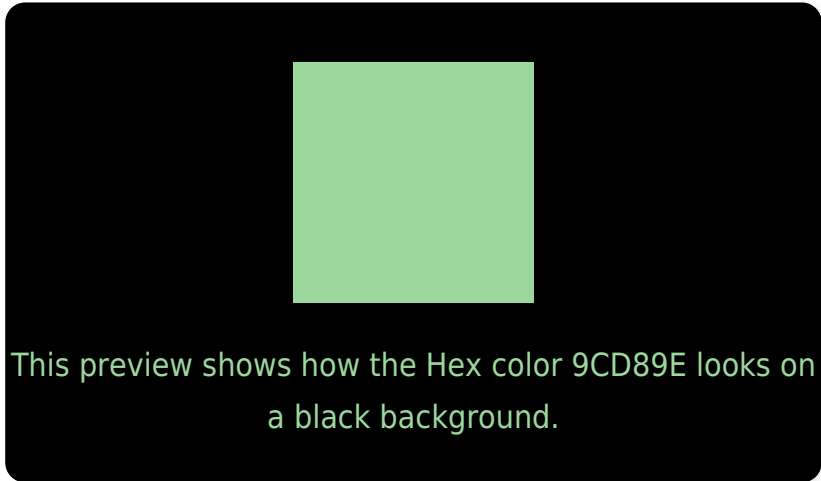
Large Text (above 18pt) WCAG AA × Fail

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

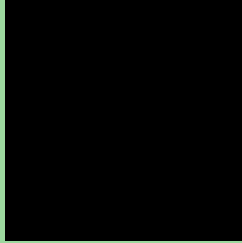
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9CD89E Background



This preview shows how black text looks on a background with the Hex color 9CD89E.

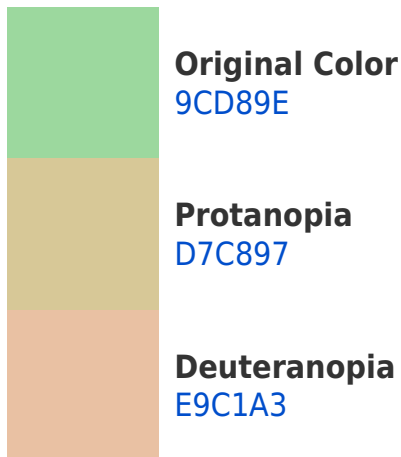


This preview shows how white text looks on a background with the Hex color 9CD89E.

# 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](#).

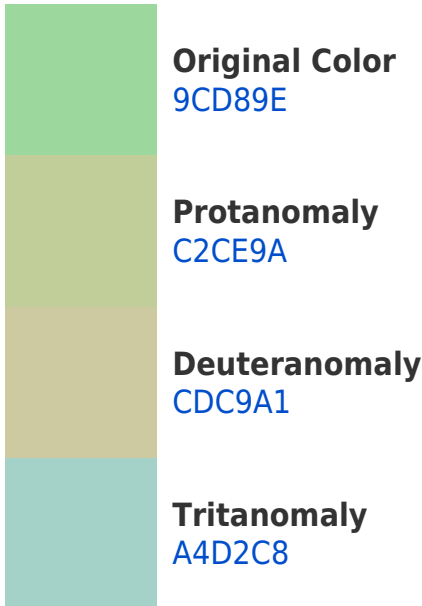
## Dichromacy



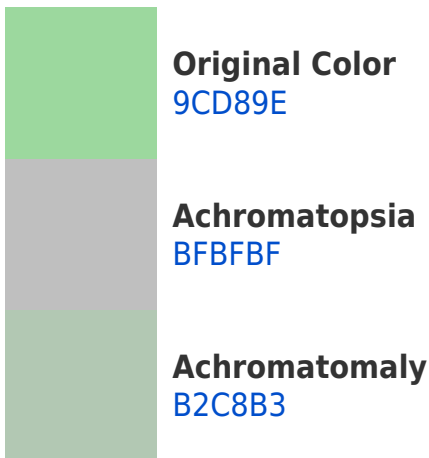


**Tritanopia**  
A8CFE0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9CD89E 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 #9CD89E looks like.

```
.text, #text, p{  
    color:#9CD89E  
}
```

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 #9CD89E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CD89E
}
```

## Border

The CSS property to change the border of an element to Hex 9CD89E 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
#9CD89E }
```

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

```
.border{ border-color:#9CD89E }
```

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

Here you see how a box with a 4 pixel #9CD89E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CD89E; -webkit-box-shadow:4px 4px  
4px 4px #9CD89E; box-shadow:4px 4px 4px  
4px #9CD89E }
```

# Background

The CSS property to change the background color of an element to Hex 9CD89E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CD89E }
```

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

```
.background{ background-color:#9CD89E }
```

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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