

# Converting Colors

Hex(9CD8BE)

Have a look what the booklet for  
Hex(9CD8BE) contains.

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# **Color**

**Hex(9CD8BE)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 9CD8BE                       |
| RGB         | 156, 216, 190                |
| RGB Percent | 61%, 85%, 75%                |
| CMY         | 0.3882, 0.1529, 0.2549       |
| CMYK        | 0.28, 0.00, 0.12, 0.15       |
| HSL         | 154°, 43%, 73%               |
| HSV         | 154°, 28%, 85%               |
| XYZ         | 47.5604, 59.8974, 57.7698    |
| YIQ         | 195.0960, -27.4140, -20.8060 |

# Conversions

## Conversions Part 2

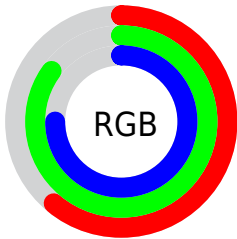
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">156, 194, 216</a>                   |
| Decimal                             | <a href="#">10279102</a>                        |
| CIELab                              | <a href="#">81.78, -24.52, 6.68</a>             |
| CIElCh                              | <a href="#">82, 25.416, 164.764</a>             |
| Yxy                                 | <a href="#">59.8974, 0.2878,<br/>0.3625</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4288469182<br/>(0xFF9CD8BE)</a>     |
| YUV                                 | <a href="#">195.0960, -2.5123,<br/>-34.2872</a> |
| Hunter-Lab                          | <a href="#">77.3934, -25.7451,<br/>9.9187</a>   |

# Details

The Hex color **9CD8BE** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D89CB6**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **D4FFF6**, and **67A189** is the 20% darker color. If you saturate the color by 10%, you get **86D8B5**, and if you desaturate by 10%, it is **B2D8C7**.

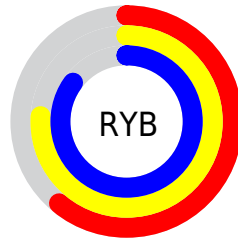
# Distribution



Red (61%)

Green (85%)

Blue (75%)



Red (61%)

Yellow (76%)

Blue (85%)

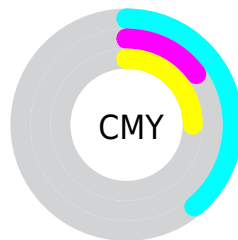


Cyan (28%)

Magenta (0%)

Yellow (12%)

Black (15%)



Cyan (39%)

Magenta (15%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9CD8BE 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 9CD8BE by changing the saturation by 10% instead.



 9CD8BE

 9CD8BE

FFFFFF

 81BCA3

 D4FFF6

 67A189

 F0FFFF

 4D876F

 346D57

 1A5440

 003D2A

 002715

 000C00

 000000

 9CD8BE

 9CD8BE

 86D8B5

 B2D8C7

 71D8AB

 C7D8D1

 5BD8A2

 DDD8DA

 46D899

 F2D8E3

 30D88F

 FFD8ED

 1AD886

 FFD8F6

 05D87C

 FFD8FF

 00D87A

# Harmonies

## Analogous

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



B6D4A9



9CD8BE



8AD9D7

# Triad

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



9CD8BE



BFC9F9



F8BEAB

# Complementary

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



9CD8BE



D89CB6

# 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.



FCBAC0



9CD8BE



DEC1ED

# Square

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



9CD8BE



9FD1F9



F3BCD8



E8C69E

# Rectangle

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



9CD8BE



88D8E6



F3BCD8



FBBDB1



# Sweetspot

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



9CD8BE



EBFFF6



B6D89C



73807A



000000



808080

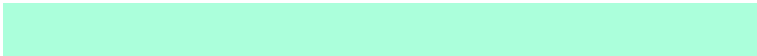


# Same Dimension

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



9CD8BE



ABFFDB



9CD4D8



606B66



00AB61



002B19



# Inverse Universe

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



D89CB6



FFABCF



D8A09C



6B6065



AB004A



2B0013



# Previews

## White Background



This preview shows how the Hex color 9CD8BE looks on a white background.

## Color Contrast Check

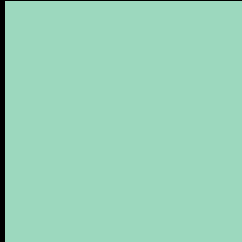
Large Text (above 18pt) WCAG AA × Fail

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 9CD8BE 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

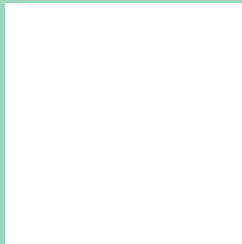
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9CD8BE Background



This preview shows how black text looks on a background with the Hex color 9CD8BE.

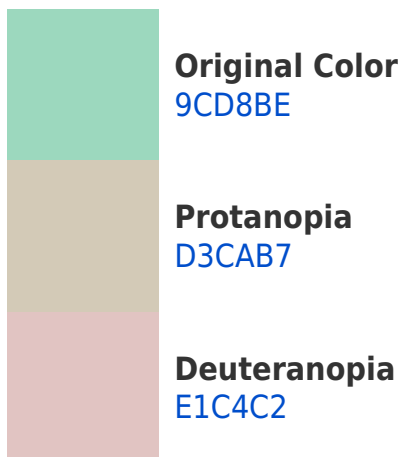


This preview shows how white text looks on a background with the Hex color 9CD8BE.

# 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



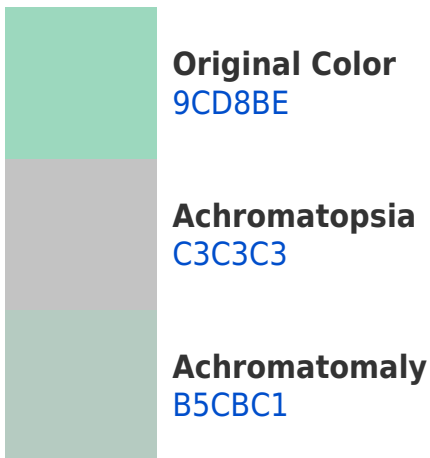


**Tritanopia**  
A4D3E3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9CD8BE 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 #9CD8BE looks like.

```
.text, #text, p{  
    color:#9CD8BE  
}
```

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 #9CD8BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CD8BE
}
```

## Border

The CSS property to change the border of an element to Hex 9CD8BE 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
#9CD8BE }
```

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

```
.border{ border-color:#9CD8BE }
```

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

Here you see how a box with a 4 pixel #9CD8BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CD8BE; -webkit-box-shadow:4px 4px  
4px 4px #9CD8BE; box-shadow:4px 4px 4px  
4px #9CD8BE }
```

# Background

The CSS property to change the background color of an element to Hex 9CD8BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CD8BE }
```

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

```
.background{ background-color:#9CD8BE }
```

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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