

# Converting Colors

Hex(9CDACD)

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

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# **Color**

**Hex(9CDACD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CDACD
RGB	156, 218, 205
RGB Percent	61%, 85%, 80%
CMY	0.3882, 0.1451, 0.1961
CMYK	0.28, 0.00, 0.06, 0.15
HSL	167°, 46%, 73%
HSV	167°, 28%, 85%
XYZ	49.8012, 61.6185, 67.0264
YIQ	197.9800, -32.7790, -17.1870

# Conversions

## Conversions Part 2

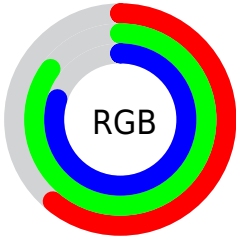
<b>Format</b>	<b>Color</b>
<b>RYB</b>	156, 191, 218
Decimal	10279629
CIELab	82.71, -22.38, 0.06
CIELCh	83, 22.383, 179.858
Yxy	61.6185, 0.2791, 0.3453
Android (android.graphics.Color)	4288469709 (0xFF9CDACD)
YUV	197.9800, 3.4609, -36.8165
Hunter-Lab	78.4975, -24.1248, 4.3225

# Details

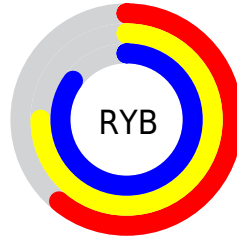
The Hex color **9CDACD** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DA9CA9**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **D4FFFF**, and **67A397** is the 20% darker color. If you saturate the color by 10%, you get **86DAC8**, and if you desaturate by 10%, it is **B2DAD2**.

# Distribution



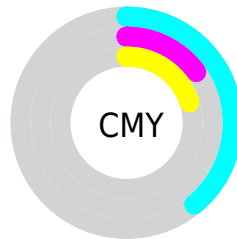
- Red (61%)
- Green (85%)
- Blue (80%)



- Red (61%)
- Yellow (75%)
- Blue (85%)



- Cyan (28%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)



- Cyan (39%)
- Magenta (15%)
- Yellow (20%)

# Brightness & Saturation Gradients

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



 9CDACD

 9CDACD

FFFFFF

 81BEB2

 D4FFFF

 67A397

 F1FFFF

 4D887D

 336F64

 17564C

 003F36

 002820

 001109

 000000

 9CDACD

 9CDACD

 86DAC8

 B2DAD2

 70DAC4

 C8DAD6

 5BDABF

 DDDADB

 45DABB

 F3DAF6

 2FDAB6

 FFDAE4

 19DAB2

 FFDAE8

 03DAAD

 FFDAED

 00DAAC

 FFDAF2

 FFDAF6

# Harmonies

## Analogous

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



AFD8B8



9CDACD



94D9E2

# Triad

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



9CDACD



D2C9F2



F0C6AA

# Complementary

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



9CDACD



DA9CA9

# 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.



F9C0BA



9CDACD



E9C2E3

# Square

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



9CDACD



B6D0F7



F7BFCF



DECCA4

# Rectangle

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



9CDACD



99D7ED



F7BFCF



F4C4AF

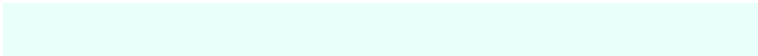


# Sweetspot

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



9CDACD



E8FFFA



A9DA9C



71807D



000000



808080

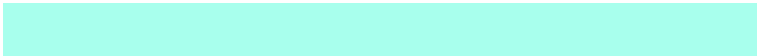


# Same Dimension

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



9CDACD



A8FFED



9CC8DA



636E6B



00AD89



002E24



# Inverse Universe

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



DA9CA9



FFA8BA



DAAE9C



6E6365



AD0024

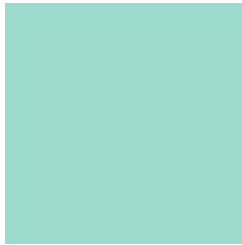


2E000A



# Previews

## White Background



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

## Color Contrast Check

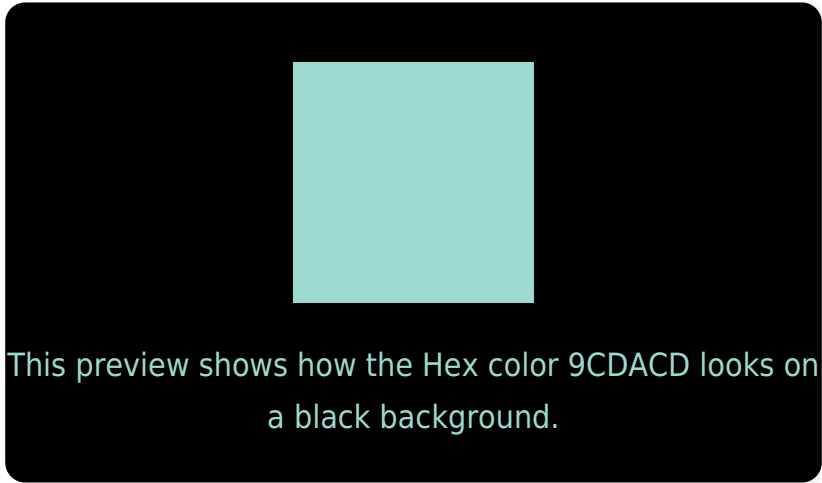
Large Text (above 18pt) WCAG AA × Fail

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

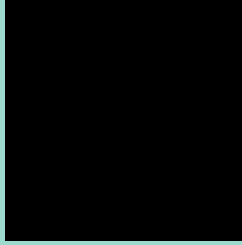
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

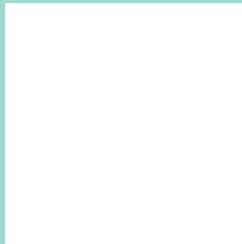
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9CDACD Background



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

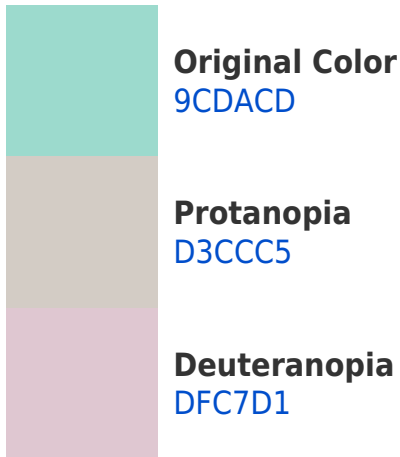


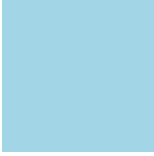
This preview shows how white text looks on a background with the Hex color 9CDACD.

# 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



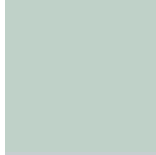


**Tritanopia**  
A2D6E7

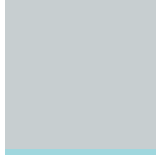
# Trichromacy



**Original Color**  
9CDACD



**Protanomaly**  
BFD1C8



**Deuteranomaly**  
C7CED0

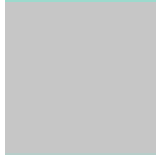


**Tritanomaly**  
A0D7DE

# Monochromacy



**Original Color**  
9CDACD



**Achromatopsia**  
C6C6C6



**Achromatomaly**  
B7CDC9

# CSS Examples

## Text

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

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

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 #9CDACD colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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