

# Converting Colors

Hex(9CDADC)

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

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# **Color**

**Hex(9CDADC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CDADC
RGB	156, 218, 220
RGB Percent	61%, 85%, 86%
CMY	0.3882, 0.1451, 0.1373
CMYK	0.29, 0.01, 0.00, 0.14
HSL	182°, 48%, 74%
HSV	182°, 29%, 86%
XYZ	51.7000, 62.3780, 77.0254
YIQ	199.6900, -37.5940, -12.5220

# Conversions

## Conversions Part 2

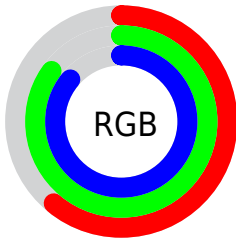
Format	Color
<a href="#">RYB</a>	<a href="#">156, 187, 220</a>
Decimal	<a href="#">10279644</a>
CIELab	<a href="#">83.11, -19.06, -7.32</a>
CIElCh	<a href="#">83, 20.422, 201.003</a>
Yxy	<a href="#">62.3780, 0.2705, 0.3264</a>
Android (android.graphics.Color)	<a href="#">4288469724 (0xFF9CDADC)</a>
YUV	<a href="#">199.6900, 10.0128, -38.3161</a>
Hunter-Lab	<a href="#">78.9798, -21.3689, -2.5370</a>

# Details

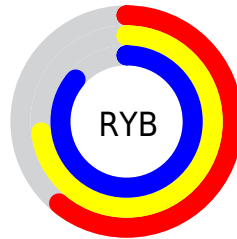
The Hex color **9CDADC** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DC9E9C**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **D4FFFF**, and **66A3A5** is the 20% darker color. If you saturate the color by 10%, you get **86D9DC**, and if you desaturate by 10%, it is **B2DBDC**.

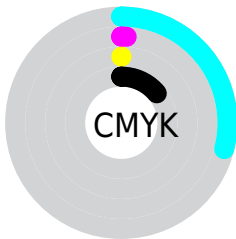
# Distribution



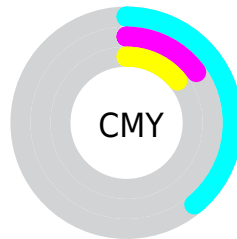
- Red (61%)
- Green (85%)
- Blue (86%)



- Red (61%)
- Yellow (73%)
- Blue (86%)



- Cyan (29%)
- Magenta (1%)
- Yellow (0%)
- Black (14%)



- Cyan (39%)
- Magenta (15%)
- Yellow (14%)

# Brightness & Saturation Gradients

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



■ 9CDADC

FFFFFF

■ D4FFFF

■ F1FFFF

■ 9CDADC

■ 81BEC0

■ 66A3A5

■ 4C898B

■ 316F71

■ 135659

■ 003F42

■ 00292B

■ 001417

■ 000000

 9CDADC

 9CDADC

 86D9DC

 B2DBDC

 70D9DC

 C8DBDC

 5AD8DC

 DEDCDC

 44D7DC

 F4DDDC

 2ED7DC

 FFDDDC

 18D6DC

 FFDEDC

 02D5DC

 FFD FDC

 00D5DC

 FFE0DC

# Harmonies

## Analogous

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



A6DAC8



9CDADC



A0D7EC

# Triad

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



9CDADC



E2C6E7



E4CCA9

# Complementary

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



9CDADC



DC9E9C

# 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.



F2C6B2



9CDADC



F2C2D6

# Square

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



9CDADC



CBCCF3



F7C2C2



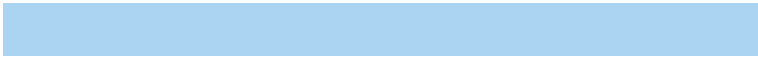
D0D2AB

# Rectangle

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



9CDADC



ABD4F3



F7C2C2



E9CAAB



# Sweetspot

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



9CDADC



E8FEFF



9CDC9D



717F80



000000



808080



# Same Dimension

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



9CDADC



A6FCFF



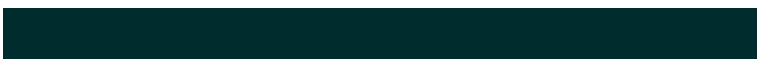
9CBBDC



636D6E



00A8AD



002C2E



# Inverse Universe

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



DC9CDA



FFA6FC



DCBD9C



6E636D



AD00A8

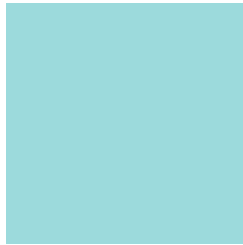


2E002C



# Previews

## White Background



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

## Color Contrast Check

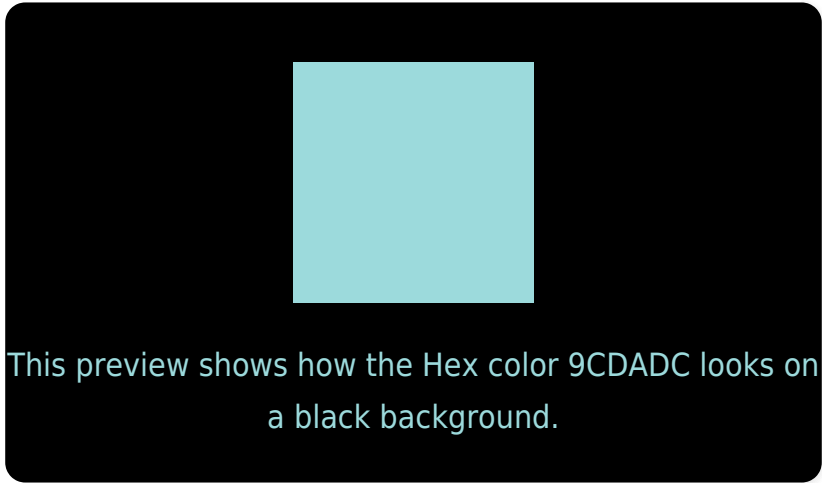
Large Text (above 18pt) WCAG AA × Fail

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 9CDADC Background



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

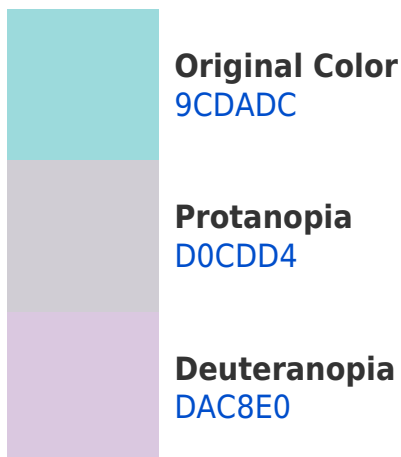


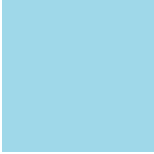
This preview shows how white text looks on a background with the Hex color 9CDADC.

# 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](#).

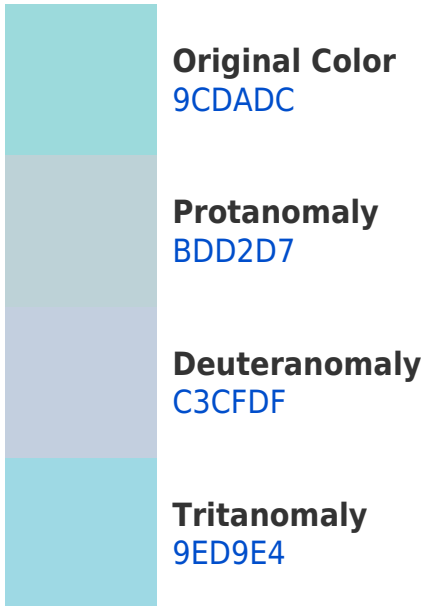
## Dichromacy



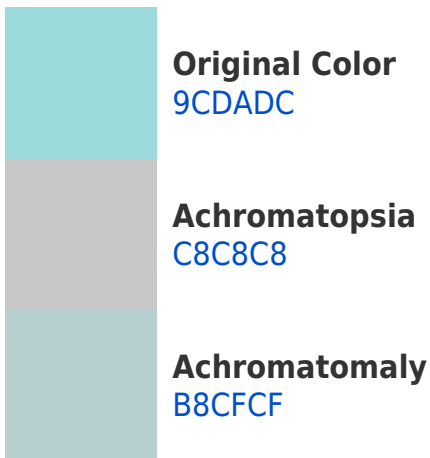


**Tritanopia**  
9FD8E9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #9CDADC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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