

# Converting Colors

Hex(9DCAD9)

Have a look what the booklet for  
Hex(9DCAD9) contains.

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# **Color**

**Hex(9DCAD9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DCAD9
RGB	157, 202, 217
RGB Percent	62%, 79%, 85%
CMY	0.3843, 0.2078, 0.1490
CMYK	0.28, 0.07, 0.00, 0.15
HSL	195°, 44%, 73%
HSV	195°, 28%, 85%
XYZ	47.5495, 54.4189, 73.6434
YIQ	190.2550, -31.6350, -4.8750

# Conversions

## Conversions Part 2

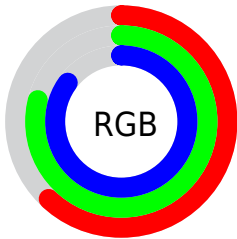
Format	Color
R <sub>YB</sub>	157, 183, 217
Decimal	10341081
CIE <sub>Lab</sub>	78.71, -11.29, -12.27
CIE <sub>LCh</sub>	79, 16.676, 227.389
Yxy	54.4189, 0.2708, 0.3099
Android (android.graphics.Color)	4288531161 (0xFF9DCAD9)
YUV	190.2550, 13.1853, -29.1646
Hunter-Lab	73.7692, -14.0400, -7.5505

# Details

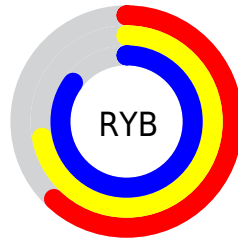
The Hex color **9DCAD9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D9AC9D**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **D5FFFF**, and **6894A2** is the 20% darker color. If you saturate the color by 10%, you get **87C5D9**, and if you desaturate by 10%, it is **B3CFD9**.

# Distribution



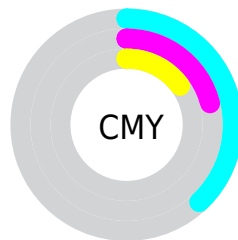
- Red (62%)
- Green (79%)
- Blue (85%)



- Red (62%)
- Yellow (72%)
- Blue (85%)



- Cyan (28%)
- Magenta (7%)
- Yellow (0%)
- Black (15%)



- Cyan (38%)
- Magenta (21%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9DCAD9 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 9DCAD9 by changing the saturation by 10% instead.



■ 9DCAD9

FFFFFF

■ D5FFFF

■ F2FFFF

■ 9DCAD9

■ 82AFBD

■ 6894A2

■ 4E7A88

■ 35616F

■ 1B4956

■ 00333F

■ 001E29

■ 000115

■ 000000

9DCAD9

9DCAD9

87C5D9

B3CFD9

72BFD9

C8D5D9

5CBAD9

DEDAD9

46B4D9

F4E0D9

31AFD9

FFE5D9

1BA9D9

FFEBD9

05A4D9

FFF0D9

00A3D9

FFF5D9

FFFBD9

# Harmonies

## Analogous

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



9BCCCB



9DCAD9



AAC6E1

# Triad

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



9DCAD9



DEB9CA



C6C5A5

# Complementary

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



9DCAD9



D9AC9D

# 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.



D6C0A5



9DCAD9



E4B8BA

# Square

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



9DCAD9



D1BCD8



E0BBAD



B4C9AD

# Rectangle

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



9DCAD9



B7C3E1



E0BBAD



CBC3A4



# Sweetspot

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



9DCAD9



EBFAFF



9DD9AC



737C80



000000



808080

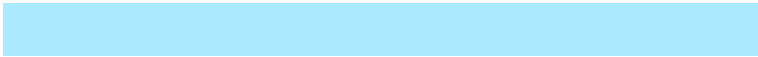


# Same Dimension

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



9DCAD9



ABEAFF



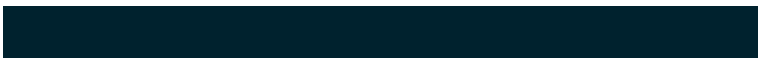
9DACD9



636B6E



0082AD



00222E



# Inverse Universe

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



D99DCA



FFABEA



D9CA9D



6E636B



AD0082

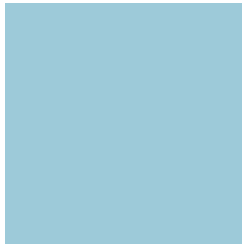


2E0022



# Previews

## White Background



This preview shows how the Hex color 9DCAD9 looks on a white background.

## Color Contrast Check

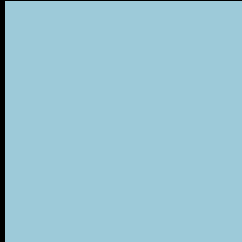
Large Text (above 18pt) WCAG AA × Fail

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 9DCAD9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

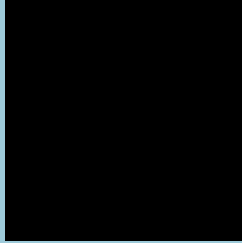
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

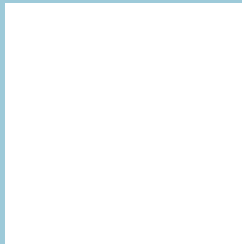
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9DCAD9 Background



This preview shows how black text looks on a background with the Hex color 9DCAD9.

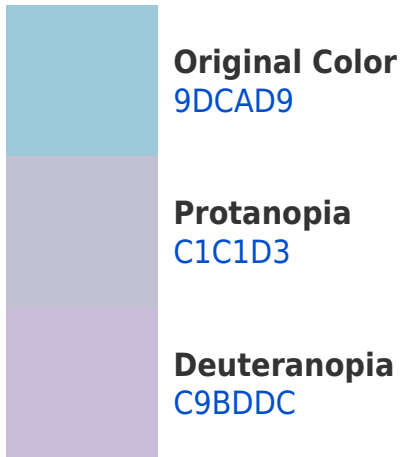


This preview shows how white text looks on a background with the Hex color 9DCAD9.

# Color Blindness Simulation

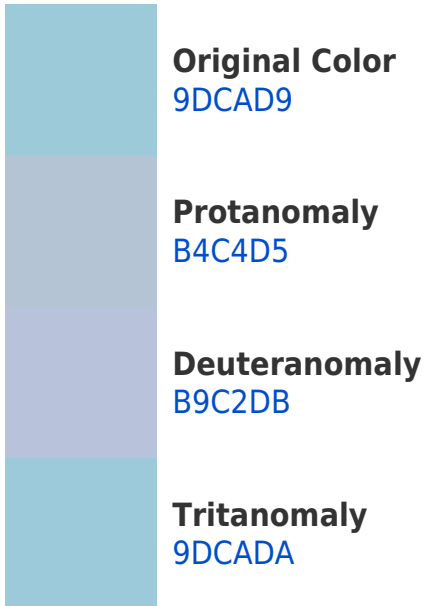
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

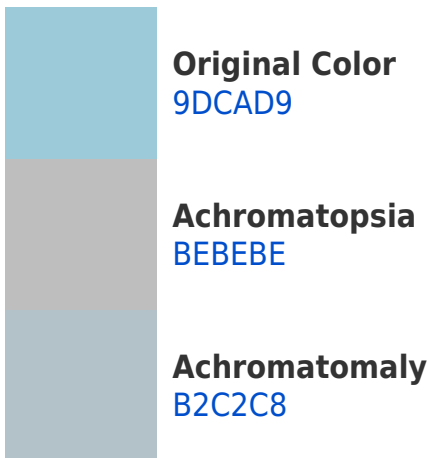




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9DCAD9 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 #9DCAD9 looks like.

```
.text, #text, p{  
    color:#9DCAD9  
}
```

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 #9DCAD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DCAD9
}
```

## Border

The CSS property to change the border of an element to Hex 9DCAD9 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
#9DCAD9 }
```

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

```
.border{ border-color:#9DCAD9 }
```

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

Here you see how a box with a 4 pixel #9DCAD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DCAD9; -webkit-box-shadow:4px 4px  
4px 4px #9DCAD9; box-shadow:4px 4px 4px  
4px #9DCAD9 }
```

# Background

The CSS property to change the background color of an element to Hex 9DCAD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DCAD9 }
```

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

```
.background{ background-color:#9DCAD9 }
```

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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