

# Converting Colors

Hex(9DC2CB)

Have a look what the booklet for  
Hex(9DC2CB) contains.

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# **Color**

**Hex(9DC2CB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DC2CB
RGB	157, 194, 203
RGB Percent	62%, 76%, 80%
CMY	0.3843, 0.2392, 0.2039
CMYK	0.23, 0.04, 0.00, 0.20
HSL	192°, 31%, 71%
HSV	192°, 23%, 80%
XYZ	43.9759, 50.0635, 63.8454
YIQ	183.9630, -24.9410, -5.0450

# Conversions

## Conversions Part 2

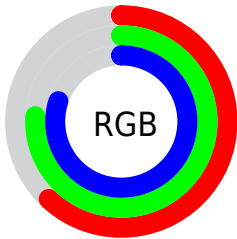
<b>Format</b>	<b>Color</b>
<b>RYB</b>	157, 178, 203
Decimal	10339019
CIELab	76.11, -10.30, -8.59
CIELCh	76, 13.412, 219.836
Yxy	50.0635, 0.2785, 0.3171
Android (android.graphics.Color)	4288529099 (0xFF9DC2CB)
YUV	183.9630, 9.3852, -23.6466
Hunter-Lab	70.7555, -12.8811, -3.9707

# Details

The Hex color **9DC2CB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CBA69D**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **D4FBFF**, and **698C95** is the 20% darker color. If you saturate the color by 10%, you get **89BECB**, and if you desaturate by 10%, it is **B1C6CB**.

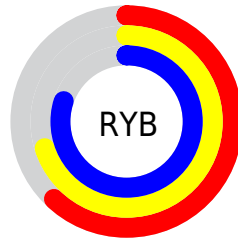
# Distribution



Red (62%)

Green (76%)

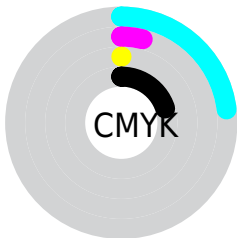
Blue (80%)



Red (62%)

Yellow (70%)

Blue (80%)

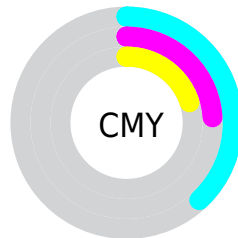


Cyan (23%)

Magenta (4%)

Yellow (0%)

Black (20%)



Cyan (38%)

Magenta (24%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9DC2CB 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 9DC2CB by changing the saturation by 10% instead.



 9DC2CB

 9DC2CB

FFFFFF

 82A7B0

 D4FBFF

 698C95

 F1FFFF

 50737B

 375A62

 1F434A

 052D34

 00191F

 000005

 000000

9DC2CB

9DC2CB

89BECB

B1C6CB

74BACB

C6CACB

60B6CB

DACECB

4CB2CB

EED2CB

38AECB

FFD6CB

23AACB

FFDACB

0FA6CB

FFDECB

00A3CB

FFE2CB

FFE6CB

# Harmonies

## Analogous

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



9EC3BF



9DC2CB



A5BFD2

# Triad

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



9DC2CB



D0B4C4



C2BCA3

# Complementary

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



9DC2CB



CBA69D

# 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.



CEB8A5



9DC2CB



D6B3B8

# Square

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



9DC2CB



C3B7CF



D5B5AC



B3C0A8

# Rectangle

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



9DC2CB



AEBDD4



D5B5AC



C6BBA3

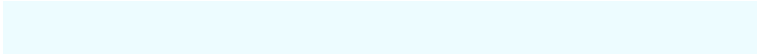


# Sweetspot

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



9DC2CB



EDFCFF



9DCBA5



757E80



000000



808080

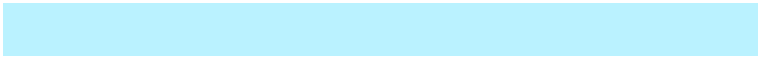


# Same Dimension

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



9DC2CB



BAF2FF



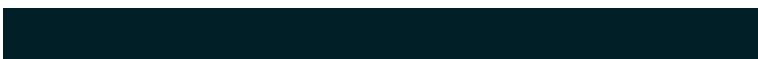
9DACCB



5C6466



0085A6



001F26



# Inverse Universe

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



CB9DC2



FFBAF2



CBBC9D



665C64



A60085

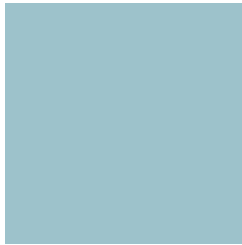


26001F



# Previews

## White Background



This preview shows how the Hex color 9DC2CB looks on a white background.

## Color Contrast Check

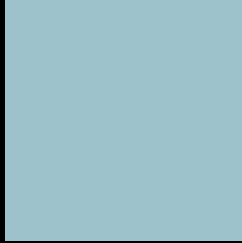
Large Text (above 18pt) WCAG AA × Fail

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 9DC2CB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

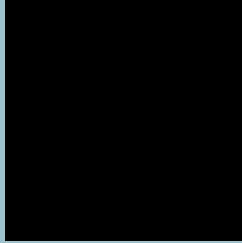
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

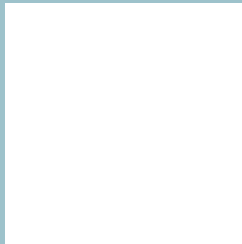
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9DC2CB Background



This preview shows how black text looks on a background with the Hex color 9DC2CB.

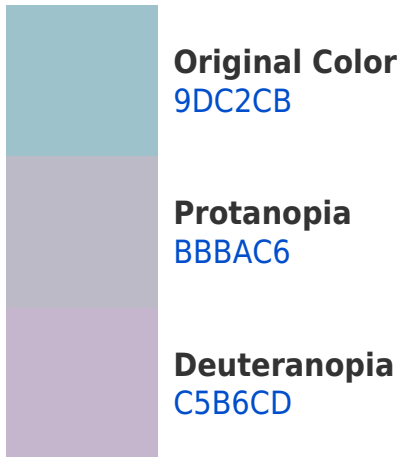


This preview shows how white text looks on a background with the Hex color 9DC2CB.

# 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](#).

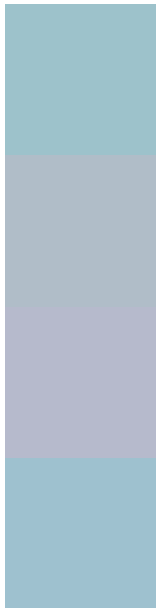
## Dichromacy





**Tritanopia**  
9EC1D1

# Trichromacy



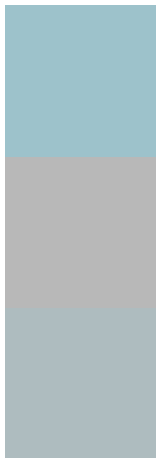
**Original Color**  
9DC2CB

**Protanomaly**  
B0BDC8

**Deuteranomaly**  
B6BACC

**Tritanomaly**  
9EC1CF

# Monochromacy



**Original Color**  
9DC2CB

**Achromatopsia**  
B8B8B8

**Achromatomaly**  
AEBCBF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9DC2CB 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 #9DC2CB looks like.

```
.text, #text, p{  
    color:#9DC2CB  
}
```

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 #9DC2CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DC2CB
}
```

## Border

The CSS property to change the border of an element to Hex 9DC2CB 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
#9DC2CB }
```

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

```
.border{ border-color:#9DC2CB }
```

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

Here you see how a box with a 4 pixel #9DC2CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DC2CB; -webkit-box-shadow:4px 4px  
4px 4px #9DC2CB; box-shadow:4px 4px 4px  
4px #9DC2CB }
```

# Background

The CSS property to change the background color of an element to Hex 9DC2CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DC2CB }
```

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

```
.background{ background-color:#9DC2CB }
```

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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