

# Converting Colors

Hex(9DC8DF)

Have a look what the booklet for  
Hex(9DC8DF) contains.

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# **Color**

**Hex(9DC8DF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DC8DF
RGB	157, 200, 223
RGB Percent	62%, 78%, 87%
CMY	0.3843, 0.2157, 0.1255
CMYK	0.30, 0.10, 0.00, 0.13
HSL	201°, 51%, 75%
HSV	201°, 30%, 87%
XYZ	47.8782, 53.8044, 77.6739
YIQ	189.7650, -33.0110, -1.9630

# Conversions

## Conversions Part 2

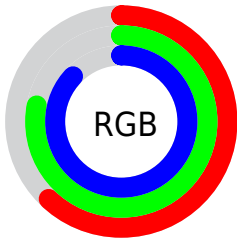
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	157, 183, 223
Decimal	10340575
CIE <sub>Lab</sub>	78.35, -8.84, -16.04
CIE <sub>LCh</sub>	78, 18.309, 241.147
Y <sub>xy</sub>	53.8044, 0.2669, 0.3000
Android (android.graphics.Color)	4288530655 (0xFF9DC8DF)
YUV	189.7650, 16.3849, -28.7349
Hunter-Lab	73.3515, -11.8540, -11.4378

# Details

The Hex color **9DC8DF** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DFB49D**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **D5FFFF**, and **6892A8** is the 20% darker color. If you saturate the color by 10%, you get **87C0DF**, and if you desaturate by 10%, it is **B3D0DF**.

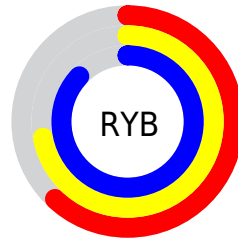
# Distribution



Red (62%)

Green (78%)

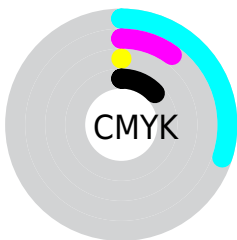
Blue (87%)



Red (62%)

Yellow (72%)

Blue (87%)

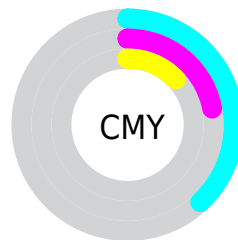


Cyan (30%)

Magenta (10%)

Yellow (0%)

Black (13%)



Cyan (38%)

Magenta (22%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9DC8DF 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 9DC8DF by changing the saturation by 10% instead.



■ 9DC8DF

■ 9DC8DF

FFFFFF

■ 82ADC3

■ D5FFFF

■ 6892A8

■ F2FFFF

■ 4E788D

■ 346074

■ 19485B

■ 003144

■ 001D2D

■ 000119

■ 000000

9DC8DF

9DC8DF

87C0DF

B3D0DF

70B8DF

CAD8DF

5AB1DF

E0DFDF

44A9DF

F6E7DF

2EA1DF

FFE7DF

1799DF

FFF7DF

0192DF

FFFEDF

0091DF

FFFFDF

# Harmonies

## Analogous

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



95CBD3



9DC8DF



B0C3E3

# Triad

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



9DC8DF



E4B6C2



BCC6A5

# Complementary

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



9DC8DF



DFB49D

# 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.



CFC1A0



9DC8DF



E5B7B1

# Square

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



9DC8DF



D9B8D3



DDBBA5



A9CAB1

# Rectangle

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



9DC8DF



BFBFE1



DDBBA5



C2C4A2



# Sweetspot

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



9DC8DF



E8F7FF



9DDFB3



717B80



000000



808080

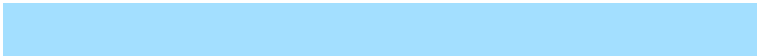


# Same Dimension

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



9DC8DF



A3DFFF



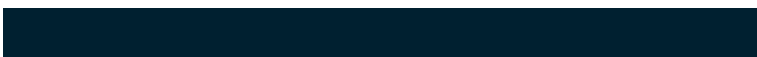
9DA8DF



656C70



0073B0



002030



# Inverse Universe

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



DF9DC8



FFA3DF



DFD49D



70656C



B00073

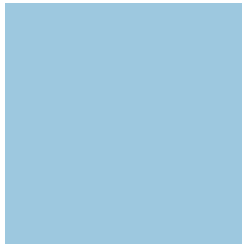


300020



# Previews

## White Background



This preview shows how the Hex color 9DC8DF looks on a white background.

## Color Contrast Check

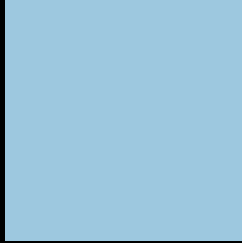
Large Text (above 18pt) WCAG AA × Fail

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 9DC8DF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

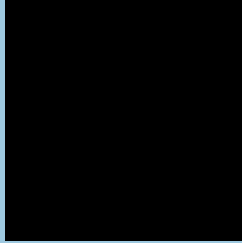
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9DC8DF Background



This preview shows how black text looks on a background with the Hex color 9DC8DF.

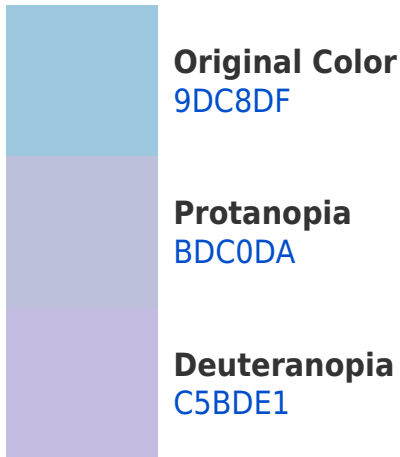


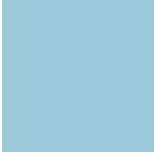
This preview shows how white text looks on a background with the Hex color 9DC8DF.

# 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](#).

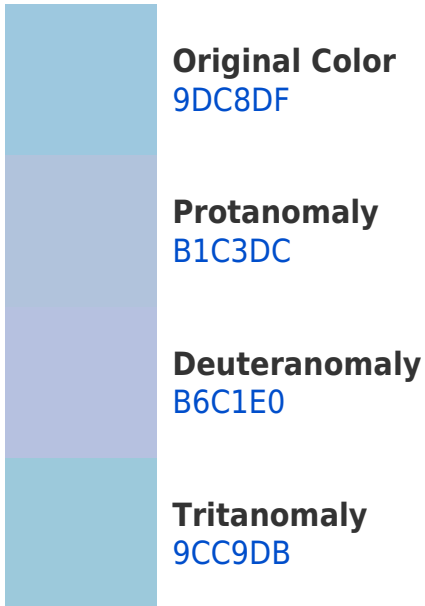
## Dichromacy



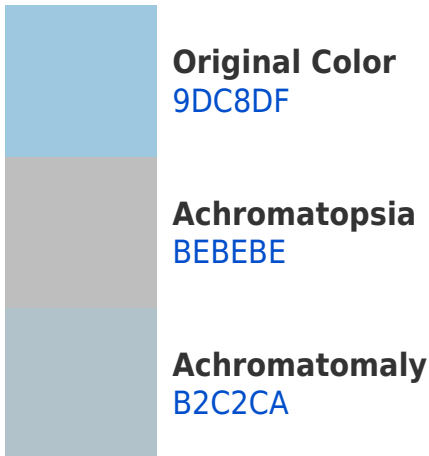


**Tritanopia**  
9CC9D9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9DC8DF 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 #9DC8DF looks like.

```
.text, #text, p{  
    color:#9DC8DF  
}
```

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 #9DC8DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DC8DF
}
```

## Border

The CSS property to change the border of an element to Hex 9DC8DF 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
#9DC8DF }
```

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

```
.border{ border-color:#9DC8DF }
```

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

Here you see how a box with a 4 pixel #9DC8DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DC8DF; -webkit-box-shadow:4px 4px  
4px 4px #9DC8DF; box-shadow:4px 4px 4px  
4px #9DC8DF }
```

# Background

The CSS property to change the background color of an element to Hex 9DC8DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DC8DF }
```

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

```
.background{ background-color:#9DC8DF }
```

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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