

# Converting Colors

Hex(9CCFDF)

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

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# **Color**

**Hex(9CCFDF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9CCFDF
RGB	156, 207, 223
RGB Percent	61%, 81%, 87%
CMY	0.3882, 0.1882, 0.1255
CMYK	0.30, 0.07, 0.00, 0.13
HSL	194°, 51%, 74%
HSV	194°, 30%, 87%
XYZ	49.3424, 57.0213, 78.2176
YIQ	193.5750, -35.5320, -5.8360

# Conversions

## Conversions Part 2

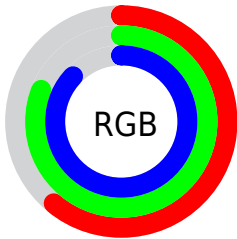
<b>Format</b>	<b>Color</b>
<b>RYB</b>	156, 185, 223
Decimal	10276831
CIELab	80.19, -12.77, -13.27
CIELCh	80, 18.418, 226.109
Yxy	57.0213, 0.2673, 0.3089
Android (android.graphics.Color)	4288466911 (0xFF9CCFDF)
YUV	193.5750, 14.5065, -32.9533
Hunter-Lab	75.5124, -15.5088, -8.5553

# Details

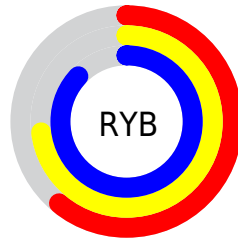
The Hex color **9CCFDF** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DFAC9C**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **D4FFFF**, and **6699A8** is the 20% darker color. If you saturate the color by 10%, you get **86CADF**, and if you desaturate by 10%, it is **B2D4DF**.

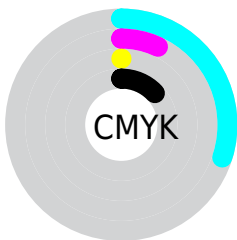
# Distribution



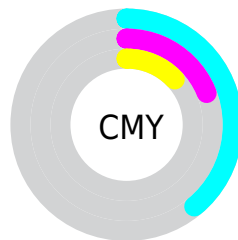
- Red (61%)
- Green (81%)
- Blue (87%)



- Red (61%)
- Yellow (73%)
- Blue (87%)



- Cyan (30%)
- Magenta (7%)
- Yellow (0%)
- Black (13%)



- Cyan (39%)
- Magenta (19%)
- Yellow (13%)

# Brightness & Saturation Gradients

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



 9CCFDF

 9CCFDF

FFFFFF

 81B3C3

 D4FFFF

 6699A8

 F1FFFF

 4C7F8D

 326674

 164E5B

 003744

 00212D

 000319

 000000

■ 9CCFDF

■ 9CCFDF

■ 86CADF

■ B2D4DF

■ 6FC4DF

■ C9DADF

■ 59BFDF

■ DFFDFD

■ 43BADF

■ F5E4DF

■ 2DB4DF

■ FFEADF

■ 16AFDF

■ FFEFDF

■ 00AADF

■ FFF4DF

■ FFFADF

■ FFFFDF

# Harmonies

## Analogous

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



9AD1D0



9CCDFD



AACBE8

# Triad

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



9CCFDF



E5BCD0



CBC9A6

# Complementary

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



9CCFDF



DFAC9C

# 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.



DCC3A6



9CCFDF



EBBBBE

# Square

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



9CCDFD



D5C0DF



E8BEAF



B7CDAF

# Rectangle

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



9CCFDF



B8C7E9



E8BEAF



D1C7A5

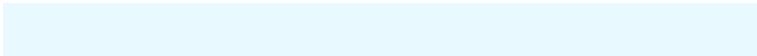


# Sweetspot

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



9CCDFD



E8FAFF



9CDFAC



717C80



000000



808080

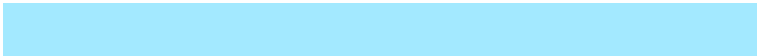


# Same Dimension

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



9CCDFD



A3E9FF



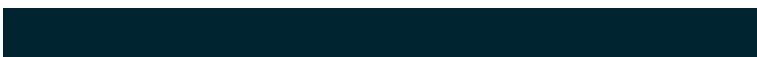
9CAEDF



656E70



0086B0



002530



# Inverse Universe

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



DF9CCF



FFA3E9



DFCD9C



70656E



B00086

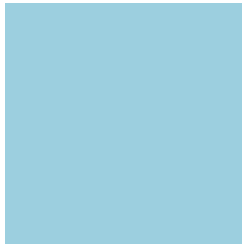


300025



# Previews

## White Background



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

## Color Contrast Check

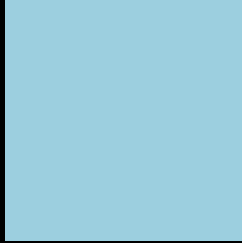
Large Text (above 18pt) WCAG AA × Fail

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 9CCFDF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

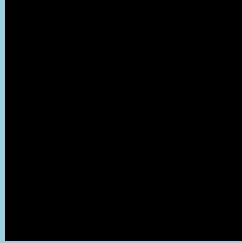
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

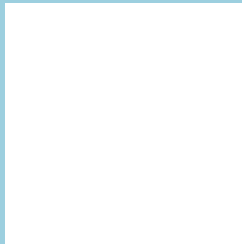
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9CCFDF Background



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

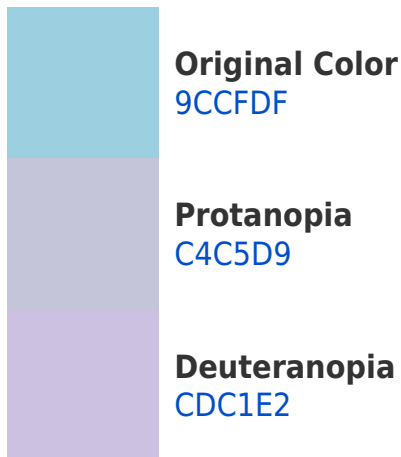


This preview shows how white text looks on a background with the Hex color 9CCFDF.

# 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](#).

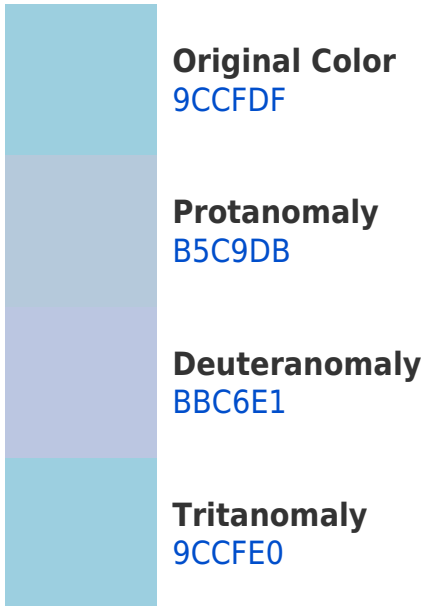
## Dichromacy



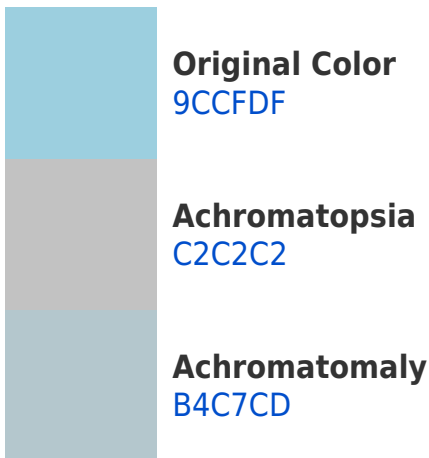


**Tritanopia**  
9CCFE0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #9CCFDF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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