

Converting Colors

Hex(9CD9F9)

Have a look what the booklet for
Hex(9CD9F9) contains.

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Color

Hex(9CD9F9)

Conversions

Conversions Part 1

Format	Color
Hex	9CD9F9
RGB	156, 217, 249
RGB Percent	61%, 85%, 98%
CMY	0.3882, 0.1490, 0.0235
CMYK	0.37, 0.13, 0.00, 0.02
HSL	201°, 89%, 79%
HSV	201°, 37%, 98%
XYZ	55.6220, 63.5332, 98.9541
YIQ	202.4090, -46.6280, -2.9800

Conversions

Conversions Part 2

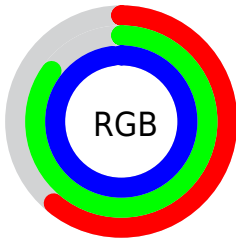
Format	Color
RYB	156, 193, 249
Decimal	10279417
CIELab	83.72, -11.62, -21.79
CIElCh	84, 24.694, 241.941
Yxy	63.5332, 0.2550, 0.2913
Android (android.graphics.Color)	4288469497 (0xFF9CD9F9)
YUV	202.4090, 22.9694, -40.7007
Hunter-Lab	79.7077, -14.9267, -17.8109

Details

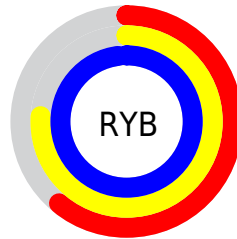
The Hex color **9CD9F9** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F9BC9C**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **D5FFFF**, and **65A2C1** is the 20% darker color. If you saturate the color by 10%, you get **83D0F9**, and if you desaturate by 10%, it is **B5E2F9**.

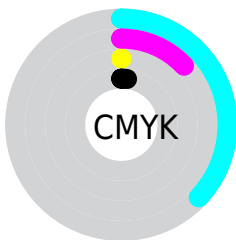
Distribution



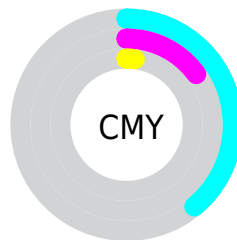
- Red (61%)
- Green (85%)
- Blue (98%)



- Red (61%)
- Yellow (76%)
- Blue (98%)



- Cyan (37%)
- Magenta (13%)
- Yellow (0%)
- Black (2%)



- Cyan (39%)
- Magenta (15%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CD9F9 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 9CD9F9 by changing the saturation by 10% instead.

 9CD9F9

 9CD9F9

FFFFFF

 80BDDC

 D5FFFF

 65A2C1

 F2FFFF

 4988A5

 2B6F8B

 005671

 003F59

 002941

 00152B

 000116

■ 9CD9F9

■ 9CD9F9

■ 83D0F9

■ B5E2F9

■ 6AC8F9

■ CEEAF9

■ 51BFF9

■ E7F3F9

■ 38B7F9

■ FFFBF9

■ 20AEF9

■ FFFFF9

■ 07A6F9

■ 00A3F9

Harmonies

Analogous

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



90DDE8



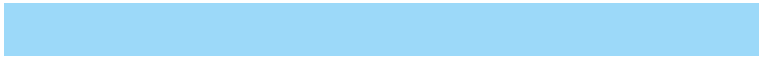
9CD9F9



B7D2FF

Triad

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



9CD9F9



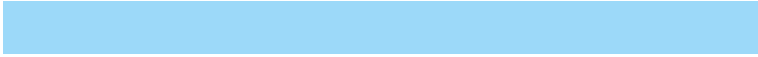
FFC0D0



C7D7A9

Complementary

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



9CD9F9



F9BC9C

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.



E1D0A2



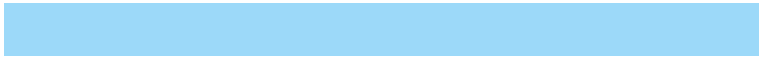
9CD9F9



FFC2B9

Square

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



9CD9F9



F0C3E7



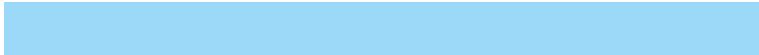
F5C8A8



ADD CBA

Rectangle

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



9CD9F9



CCCDFC



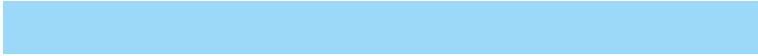
F5C8A8



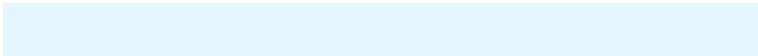
D0D5A5

Sweetspot

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



9CD9F9



E3F5FF



9CF9BB



6F7A80



000000



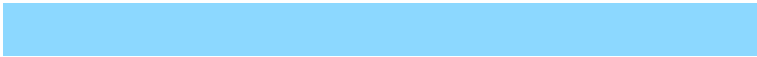
808080

Same Dimension

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



9CD9F9



8CD8FF



9CACF9



70797D



007CBD



00283D

Inverse Universe

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



F99CD9



FF8CD8



F9EA9C



7D7079



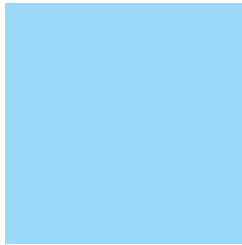
BD007C



3D0028

Previews

White Background



This preview shows how the Hex color 9CD9F9 looks on a white background.

Color Contrast Check

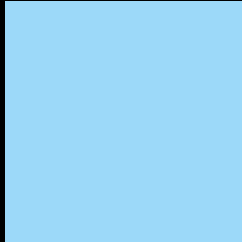
Large Text (above 18pt) WCAG AA × Fail

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 9CD9F9 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 9CD9F9 Background



This preview shows how black text looks on a background with the Hex color 9CD9F9.

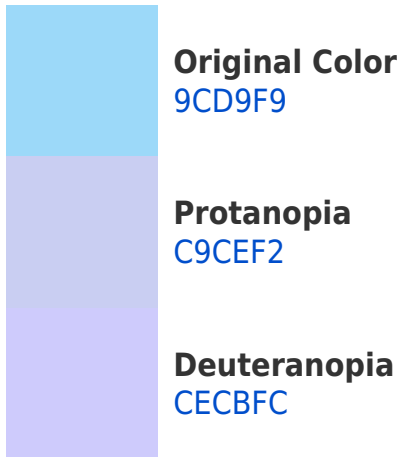


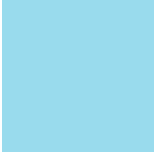
This preview shows how white text looks on a background with the Hex color 9CD9F9.

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](#).

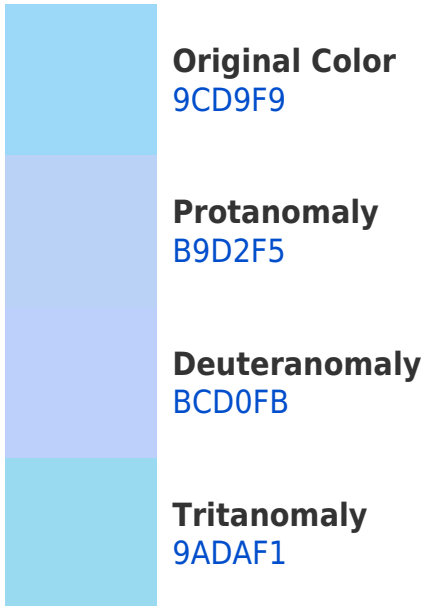
Dichromacy



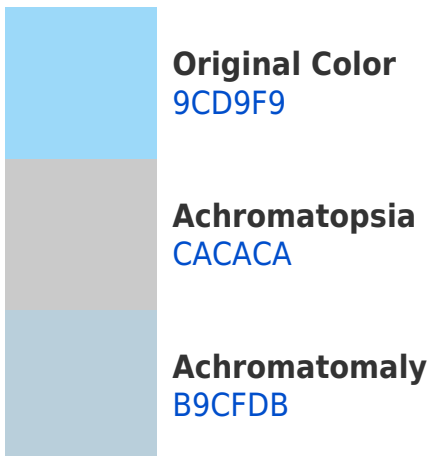


Tritanopia
99DBED

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9CD9F9 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 #9CD9F9 looks like.

```
.text, #text, p{  
    color:#9CD9F9  
}
```

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 #9CD9F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CD9F9
}
```

Border

The CSS property to change the border of an element to Hex 9CD9F9 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
#9CD9F9 }
```

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

```
.border{ border-color:#9CD9F9 }
```

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

Here you see how a box with a 4 pixel #9CD9F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CD9F9; -webkit-box-shadow:4px 4px  
4px 4px #9CD9F9; box-shadow:4px 4px 4px  
4px #9CD9F9 }
```

Background

The CSS property to change the background color of an element to Hex 9CD9F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CD9F9 }
```

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

```
.background{ background-color:#9CD9F9 }
```

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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