

Converting Colors

Hex(9DCDFD)

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

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Color

Hex(9DCDFD)

Conversions

Conversions Part 1

Format	Color
Hex	9DCDFD
RGB	157, 205, 253
RGB Percent	62%, 80%, 99%
CMY	0.3843, 0.1961, 0.0078
CMYK	0.38, 0.19, 0.00, 0.01
HSL	210°, 96%, 80%
HSV	210°, 38%, 99%
XYZ	53.4656, 57.9226, 101.2907
YIQ	196.1200, -44.0160, 4.7520

Conversions

Conversions Part 2

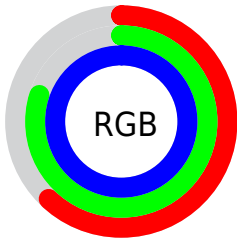
Format	Color
RYB	157, 189, 253
Decimal	10341885
CIELab	80.70, -4.05, -28.52
CIELCh	81, 28.808, 261.925
Yxy	57.9226, 0.2514, 0.2723
Android (android.graphics.Color)	4288531965 (0xFF9DCDFD)
YUV	196.1200, 28.0418, -34.3082
Hunter-Lab	76.1069, -7.7897, -25.6343

Details

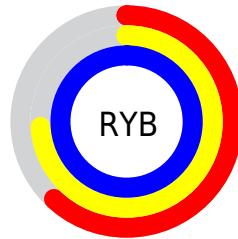
The Hex color **9DCDFD** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FDCD9D**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **D6FFFF**, and **6697C4** is the 20% darker color. If you saturate the color by 10%, you get **84C0FD**, and if you desaturate by 10%, it is **B6DAFD**.

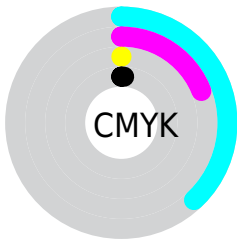
Distribution



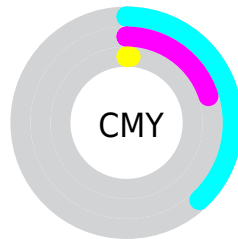
- Red (62%)
- Green (80%)
- Blue (99%)



- Red (62%)
- Yellow (74%)
- Blue (99%)



- Cyan (38%)
- Magenta (19%)
- Yellow (0%)
- Black (1%)



- Cyan (38%)
- Magenta (20%)
- Yellow (1%)

Brightness & Saturation Gradients


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

 9DCDFD

 9DCDFD

FFFFFF

 81B2E0

 D6FFFF

 6697C4

 F3FFFF

 4A7DA9

 2D648E

 034C75

 00365C

 002144

 00082E

 000118

■ 9DCDFD

■ 9DCDFD

■ 84C0FD

■ B6DAFD

■ 6AB4FD

■ D0E6FD

■ 51A7FD

■ E9F3FD

■ 389AFD

FFFFFD

■ 1F8EFD

■ 0581FD

■ 007FFD

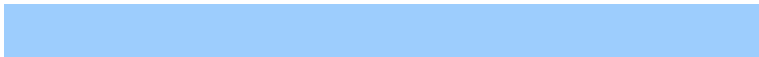
Harmonies

Analogous

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



80D4F2



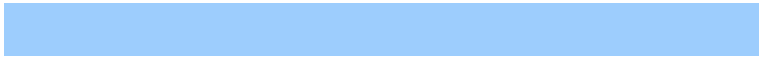
9DCDFD



C3C4FA

Triad

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



9DCDFD



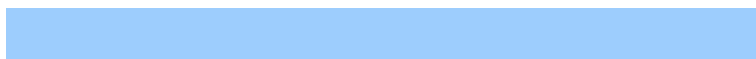
FFB6B5



A8D3A6

Complementary

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



9DCDFD



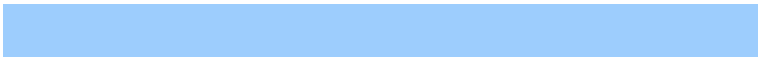
FDCD9D

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.



C7CD96



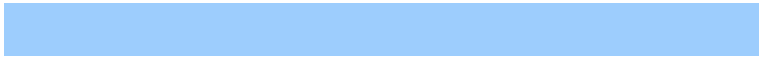
9DCDFD



F7BB9F

Square

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



9DCDFD



F9B5D1



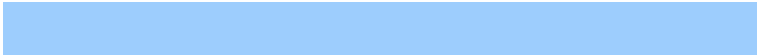
E3C493



8BD7C0

Rectangle

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



9DCDFD



DABEF0



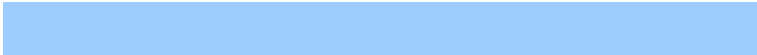
E3C493



B3D1A0

Sweetspot

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



9DCDFD



E3F1FF



9DFDCD



6F7780



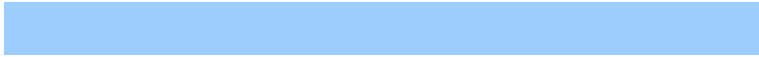
000000



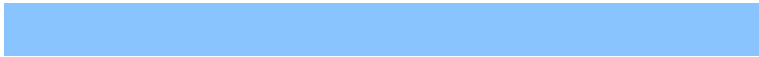
808080

Same Dimension

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



9DCDFD



8AC4FF



9D9DFD



737980



0060BF



002040

Inverse Universe

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



FD9DCD



FF8AC4



FDFD9D



807379



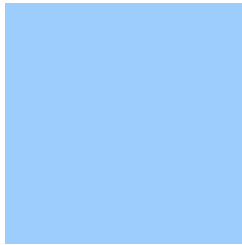
BF0060



400020

Previews

White Background



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

Color Contrast Check

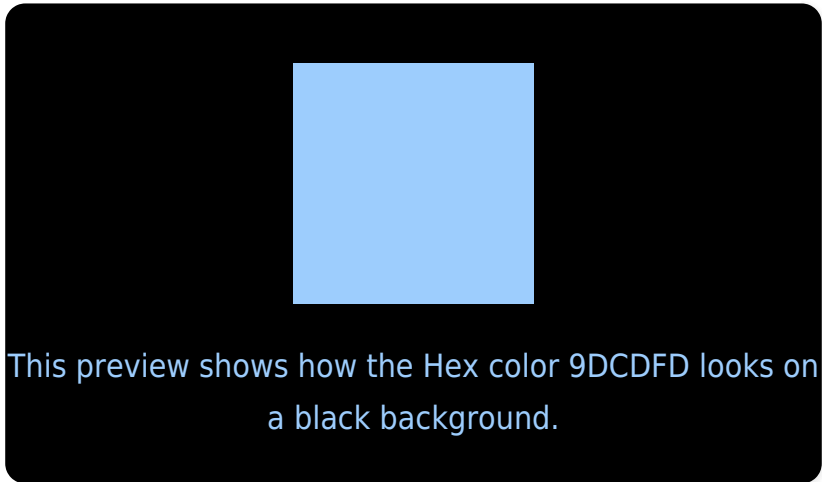
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

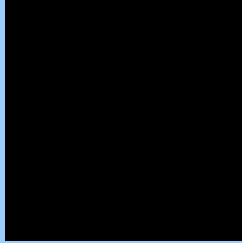
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

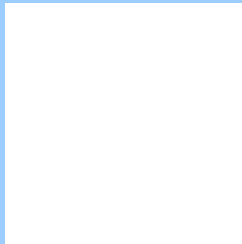
Any Text WCAG AAA ✓ Pass

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

Hex 9DCDFD Background



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

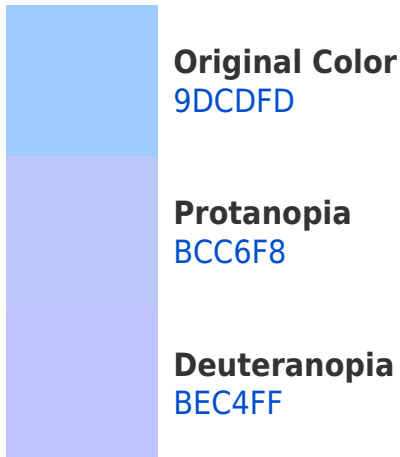


This preview shows how white text looks on a background with the Hex color 9DCDFD.

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](#).

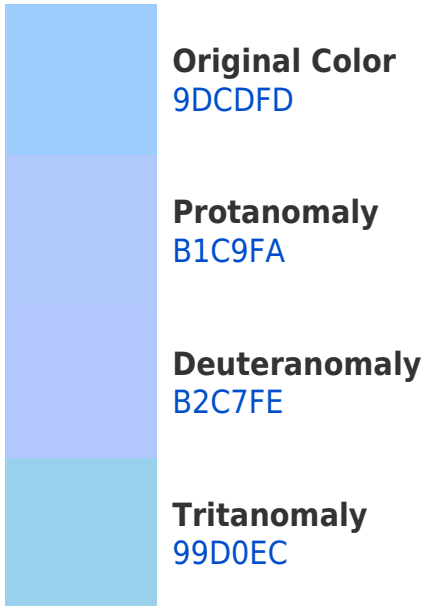
Dichromacy



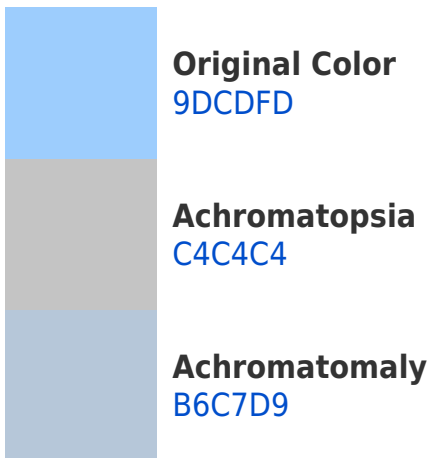


Tritanopia
96D2E2

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #9DCDFD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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