

Converting Colors

Hex(9DCAFD)

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

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Color

Hex(9DCAFD)

Conversions

Conversions Part 1

Format	Color
Hex	9DCAFD
RGB	157, 202, 253
RGB Percent	62%, 79%, 99%
CMY	0.3843, 0.2078, 0.0078
CMYK	0.38, 0.20, 0.00, 0.01
HSL	212°, 96%, 80%
HSV	212°, 38%, 99%
XYZ	52.7548, 56.5010, 101.0538
YIQ	194.3590, -43.1910, 6.3210

Conversions

Conversions Part 2

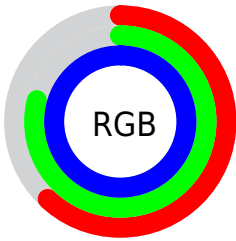
Format	Color
RYB	157, 188, 253
Decimal	10341117
CIELab	79.90, -2.45, -29.75
CIELCh	80, 29.845, 265.299
Yxy	56.5010, 0.2508, 0.2687
Android (android.graphics.Color)	4288531197 (0xFF9DCAFD)
YUV	194.3590, 28.9100, -32.7638
Hunter-Lab	75.1672, -6.2653, -27.0918

Details

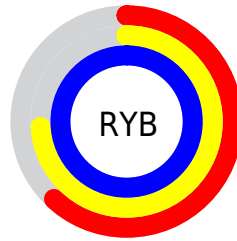
The Hex color **9DCAFD** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FDD09D**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **D6FFFF**, and **6694C4** is the 20% darker color. If you saturate the color by 10%, you get **84BDFD**, and if you desaturate by 10%, it is **B6D7FD**.

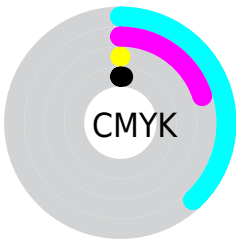
Distribution



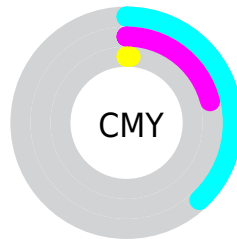
- Red (62%)
- Green (79%)
- Blue (99%)



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



- Cyan (38%)
- Magenta (20%)
- Yellow (0%)
- Black (1%)



- Cyan (38%)
- Magenta (21%)
- Yellow (1%)

Brightness & Saturation Gradients

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

 9DCAFD

 9DCAFD

FFFFFF

 81AFE0

 D6FFFF

 6694C4


 F3FFFF

 4A7AA9

 2D628E

 034A74

 00345C

 001F44

 00032E

 000118

 9DCAFD

 9DCAFD

 84BDFD

 B6D7FD

 6AAFFD

 D0E5FD

 51A2FD

 E9F2FD

 3894FD

FFFFFFD

 1F87FD

 0579FD

 0077FD

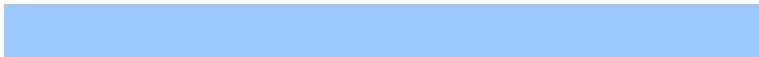
Harmonies

Analogous

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



7CD1F3



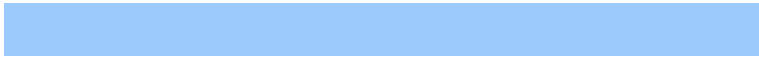
9DCAFD



C4C0F8

Triad

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



9DCAFD



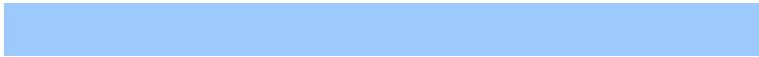
FEB3B0



A1D2A6

Complementary

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



9DCAFD



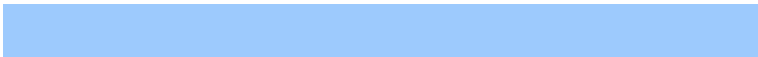
FDD09D

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.



C1CC93



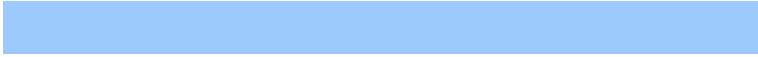
9DCAFD



F4BA99

Square

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



9DCAFD



FAB2CC



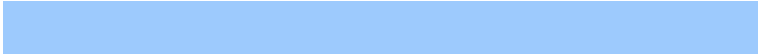
DEC38F



84D5C1

Rectangle

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



9DCAFD



DCBAED



DEC38F



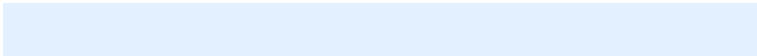
ACD09E

Sweetspot

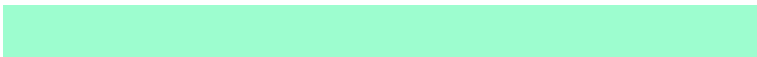
The Sweet Spot groups the original color and five complimentary colors.



9DCAFD



E3F0FF



9DFDCF



6F7780



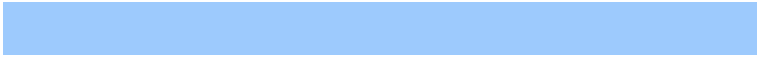
000000



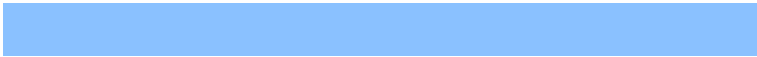
808080

Same Dimension

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



9DCAFD



8AC1FF



9F9DFD



737980



005ABF



001E40

Inverse Universe

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



FD9DCA



FF8AC1



FBFD9D



807379



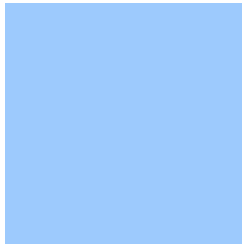
BF005A



40001E

Previews

White Background



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

Color Contrast Check

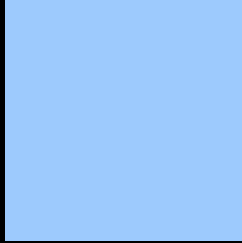
Large Text (above 18pt) WCAG AA × Fail

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 9DCAFD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

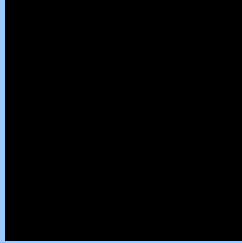
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

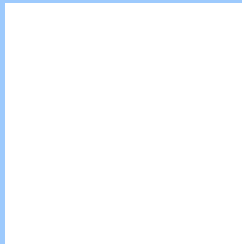
Any Text WCAG AAA ✓ Pass

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

Hex 9DCAFD Background



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

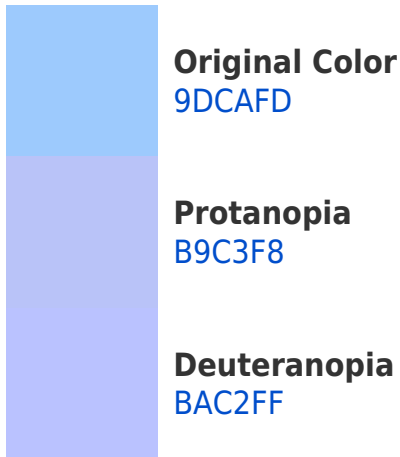


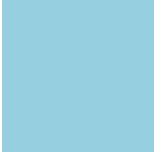
This preview shows how white text looks on a background with the Hex color 9DCAFD.

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](#).

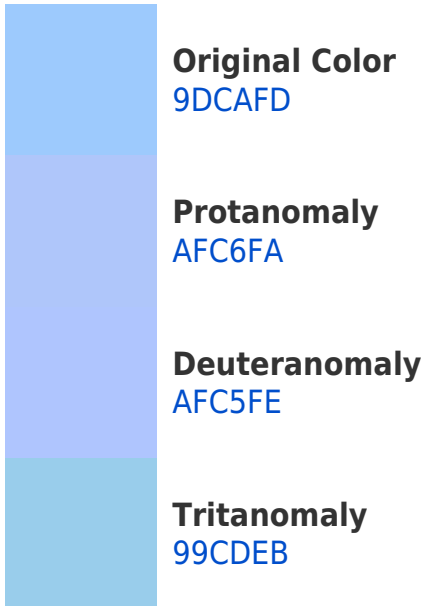
Dichromacy



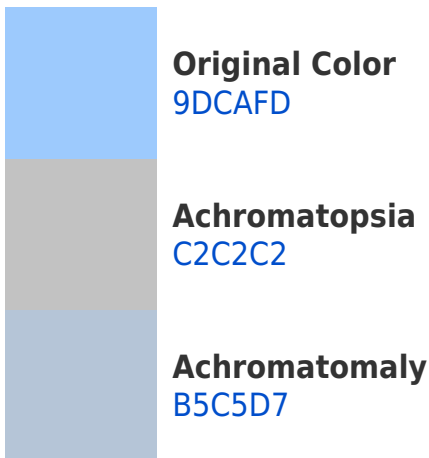


Tritanopia
96CFE0

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #9DCAFD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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