

Converting Colors

Hex(9DD5FE)

Have a look what the booklet for
Hex(9DD5FE) contains.

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Color

Hex(9DD5FE)

Conversions

Conversions Part 1

Format	Color
Hex	9DD5FE
RGB	157, 213, 254
RGB Percent	62%, 84%, 100%
CMY	0.3843, 0.1647, 0.0039
CMYK	0.38, 0.16, 0.00, 0.00
HSL	205°, 98%, 81%
HSV	205°, 38%, 100%
XYZ	55.5883, 61.9124, 102.7864
YIQ	200.9300, -46.5370, 0.8790

Conversions

Conversions Part 2

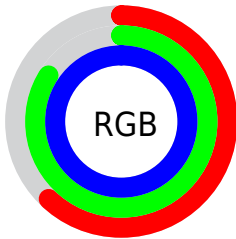
Format	Color
R _Y B	157, 193, 254
Decimal	10343934
CIE Lab	82.87, -8.01, -25.74
CIE LCh	83, 26.954, 252.705
Yxy	61.9124, 0.2523, 0.2811
Android (android.graphics.Color)	4288534014 (0xFF9DD5FE)
YUV	200.9300, 26.1635, -38.5266
Hunter-Lab	78.6844, -11.5926, -22.3722

Details

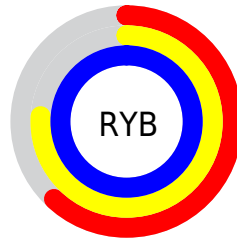
The Hex color **9DD5FE** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FEC69D**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **D6FFFF**, and **659EC5** is the 20% darker color. If you saturate the color by 10%, you get **84CAFE**, and if you desaturate by 10%, it is **B6E0FE**.

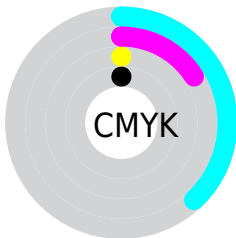
Distribution



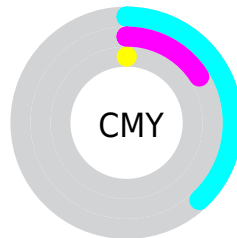
- Red (62%)
- Green (84%)
- Blue (100%)



- Red (62%)
- Yellow (76%)
- Blue (100%)



- Cyan (38%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DD5FE 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 9DD5FE by changing the saturation by 10% instead.

 9DD5FE

 9DD5FE

FFFFFF

 81B9E1

 D6FFFF

 659EC5

 F4FFFF

 4984AA

 2C6B8F

 005376

 003C5D

 002645

 00122E

 000119

 9DD5FE

 9DD5FE

 84CAFE

 B6E0FE

 6AC0FE

 D0EAFE

 51B5FE

 E9F5FE

 37AAFE

FFFFFFE

 1E9FFE

 0595FE

 0093FE

Harmonies

Analogous

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



88DBF0



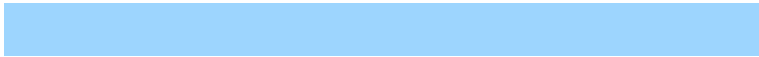
9DD5FE



BFCDFE

Triad

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



9DD5FE



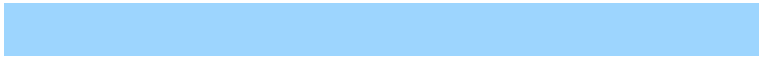
FFBCC4



BAD7A9

Complementary

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



9DD5FE



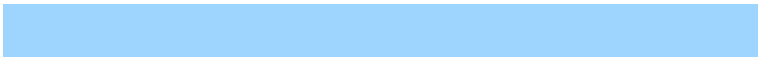
FEC69D

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.



D6D09D



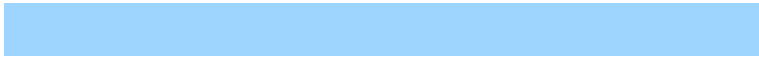
9DD5FE



FEC0AD

Square

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



9DD5FE



F8BEDE



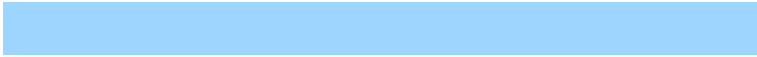
EFC89F



9DDCBE

Rectangle

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



9DD5FE



D5C7F9



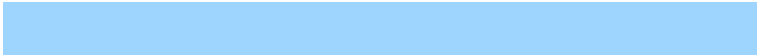
EFC89F



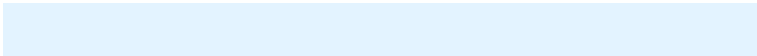
C3D5A3

Sweetspot

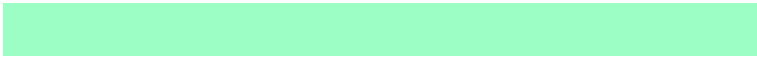
The Sweet Spot groups the original color and five complimentary colors.



9DD5FE



E3F3FF



9DFEC5



6F7880



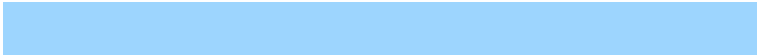
000000



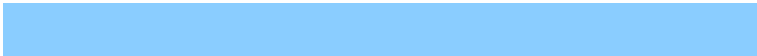
808080

Same Dimension

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



9DD5FE



8ACDFF



9DA5FE



737A80



006EBF



002540

Inverse Universe

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



FE9DD5



FF8ACD



FEF69D



80737A



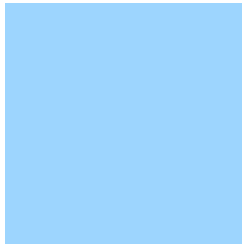
BF006E



400025

Previews

White Background



This preview shows how the Hex color 9DD5FE looks on a white background.

Color Contrast Check

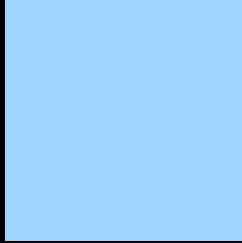
Large Text (above 18pt) WCAG AA × Fail

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 9DD5FE 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 9DD5FE Background



This preview shows how black text looks on a background with the Hex color 9DD5FE.

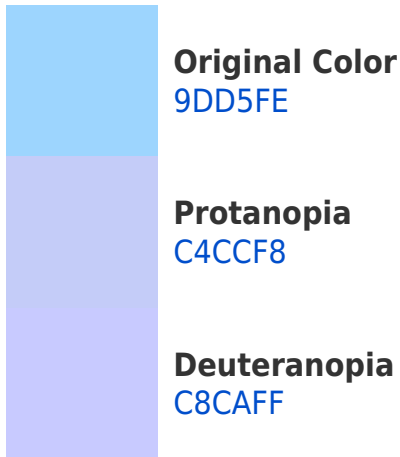


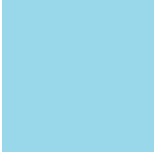
This preview shows how white text looks on a background with the Hex color 9DD5FE.

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](#).

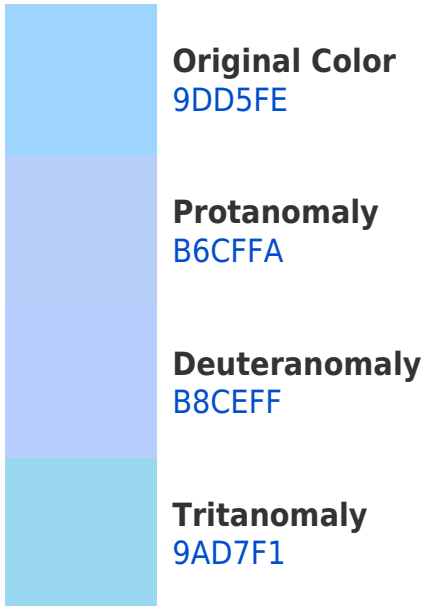
Dichromacy



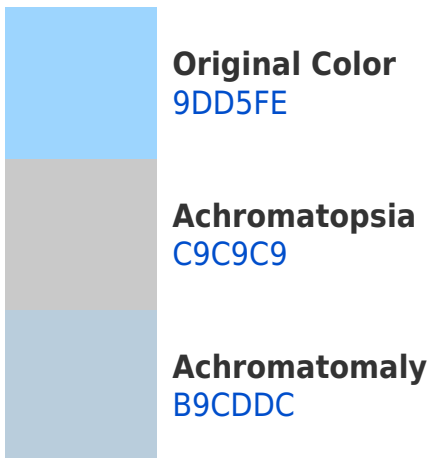


Tritanopia
98D8EA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9DD5FE 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 #9DD5FE looks like.

```
.text, #text, p{  
    color:#9DD5FE  
}
```

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 #9DD5FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DD5FE  
}
```

Border

The CSS property to change the border of an element to Hex 9DD5FE 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  
#9DD5FE }
```

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

```
.border{ border-color:#9DD5FE }
```

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

Here you see how a box with a 4 pixel #9DD5FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DD5FE; -webkit-box-shadow:4px 4px  
4px 4px #9DD5FE; box-shadow:4px 4px 4px  
4px #9DD5FE }
```

Background

The CSS property to change the background color of an element to Hex 9DD5FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DD5FE }
```

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

```
.background{ background-color:#9DD5FE }
```

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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