

Converting Colors

Hex(9DCCFF)

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

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Color

Hex(9DCCFF)

Conversions

Conversions Part 1

Format	Color
Hex	9DCCFF
RGB	157, 204, 255
RGB Percent	62%, 80%, 100%
CMY	0.3843, 0.2000, 0.0000
CMYK	0.38, 0.20, 0.00, 0.00
HSL	211°, 100%, 81%
HSV	211°, 38%, 100%
XYZ	53.5475, 57.5738, 102.8983
YIQ	195.7610, -44.3830, 5.8970

Conversions

Conversions Part 2

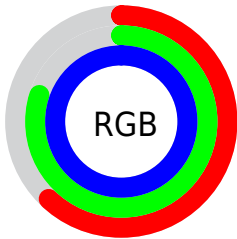
Format	Color
R_{YB}	157, 189, 255
Decimal	10341631
CIE _{Lab}	80.50, -3.00, -29.88
CIE _{LCh}	81, 30.035, 264.271
Yxy	57.5738, 0.2502, 0.2690
Android (android.graphics.Color)	4288531711 (0xFF9DCCFF)
YUV	195.7610, 29.2048, -33.9934
Hunter-Lab	75.8774, -6.8162, -27.2897

Details

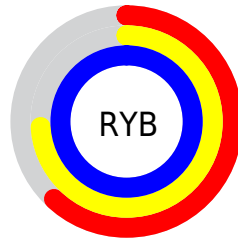
The Hex color **9DCCFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFD09D**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **D6FFFF**, and **6596C6** is the 20% darker color. If you saturate the color by 10%, you get **84BFFF**, and if you desaturate by 10%, it is **B7D9FF**.

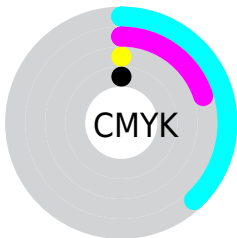
Distribution



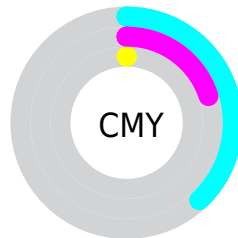
- Red (62%)
- Green (80%)
- Blue (100%)



- Red (62%)
- Yellow (74%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

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

 9DCCFF

 9DCCFF

FFFFFF

 81B1E2


 D6FFFF

 6596C6

 F4FFFF


 4A7CAB

 2C6390

 014C76

 00355D

 002045

 00072F

 000119

 9DCCFF

 9DCCFF

 84BFFF

 B7D9FF

 6AB1FF

 D0E7FF

 51A4FF

 EAF4FF

 3797FF

FFFFFF

 1D8AFF

 047CFF

 007AFF

Harmonies

Analogous

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



7CD3F4



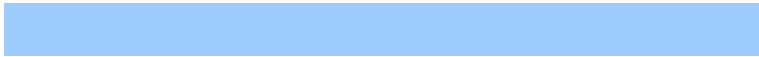
9DCCFF



C5C2FB

Triad

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



9DCCFF



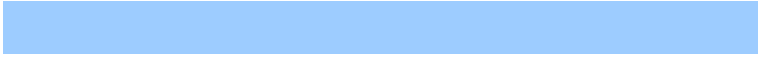
FFB4B2



A4D4A6

Complementary

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



9DCCFF



FFD09D

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.



C4CD94



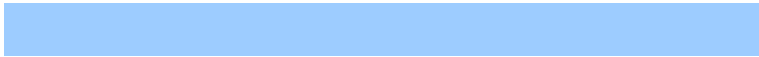
9DCCFF



F7BB9B

Square

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



9DCCFF



FBB4CE



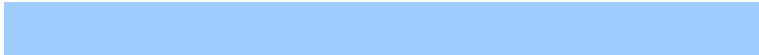
E1C490



86D7C1

Rectangle

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



9DCCFF



DDBCFO



E1C490



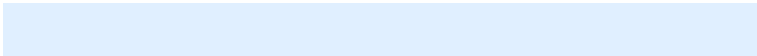
AFD29F

Sweetspot

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



9DCCFF



E0EFFF



9DFFD0



6E7680



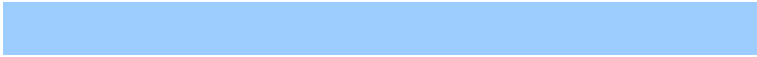
000000



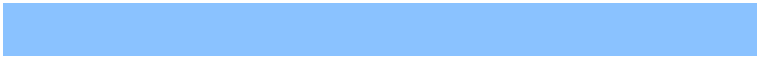
808080

Same Dimension

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



9DCCFF



8AC2FF



9F9DFF



737980



005CBF



001F40

Inverse Universe

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



FF9DCC



FF8AC2



FDF99D



807379



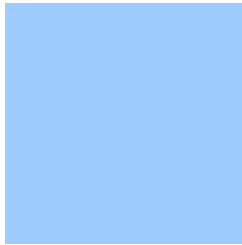
BF005C



40001F

Previews

White Background



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

Color Contrast Check

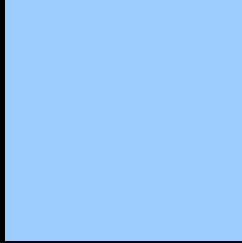
Large Text (above 18pt) WCAG AA × Fail

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 9DCCFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

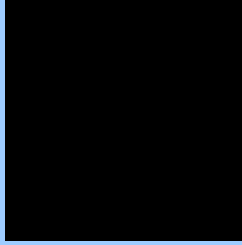
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

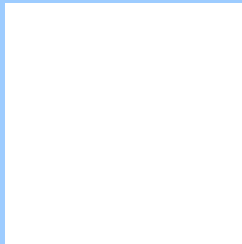
Any Text WCAG AAA ✓ Pass

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

Hex 9DCCFF Background



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

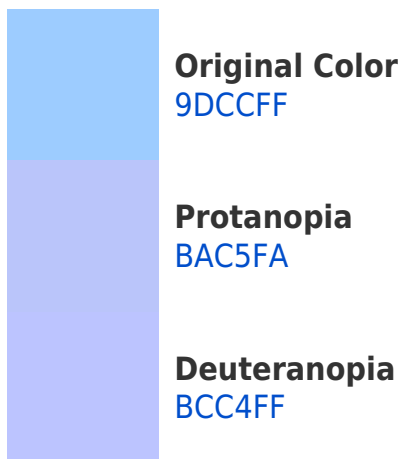


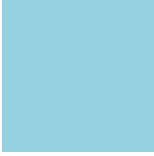
This preview shows how white text looks on a background with the Hex color 9DCCFF.

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](#).

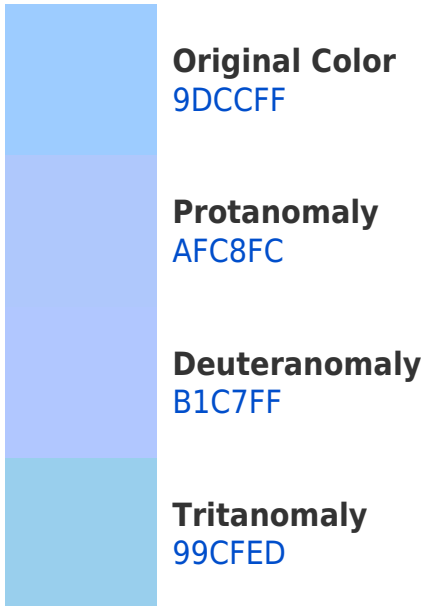
Dichromacy



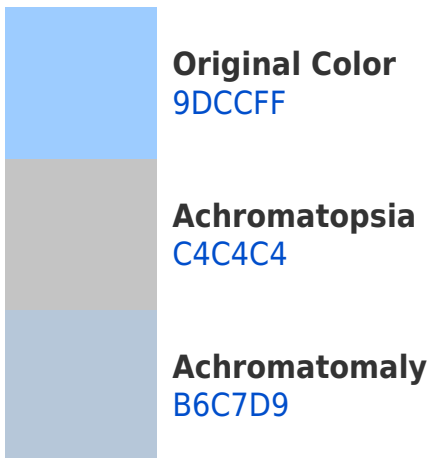


Tritanopia
96D1E2

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #9DCCFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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