

Converting Colors

Hex(9DCBFF)

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

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Color

Hex(9DCBFF)

Conversions

Conversions Part 1

Format	Color
Hex	9DCBFF
RGB	157, 203, 255
RGB Percent	62%, 80%, 100%
CMY	0.3843, 0.2039, 0.0000
CMYK	0.38, 0.20, 0.00, 0.00
HSL	212°, 100%, 81%
HSV	212°, 38%, 100%
XYZ	53.3106, 57.1000, 102.8194
YIQ	195.1740, -44.1080, 6.4200

Conversions

Conversions Part 2

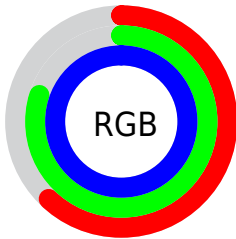
Format	Color
R _Y B	157, 188, 255
Decimal	10341375
CIE Lab	80.24, -2.46, -30.29
CIE LCh	80, 30.392, 265.351
Yxy	57.1000, 0.2500, 0.2678
Android (android.graphics.Color)	4288531455 (0xFF9DCBFF)
YUV	195.1740, 29.4942, -33.4786
Hunter-Lab	75.5645, -6.3067, -27.7797

Details

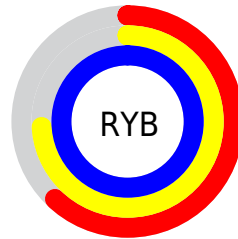
The Hex color **9DCBFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFD19D**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **D6FFFF**, and **6595C6** is the 20% darker color. If you saturate the color by 10%, you get **84BDFF**, and if you desaturate by 10%, it is **B7D9FF**.

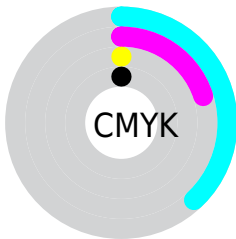
Distribution



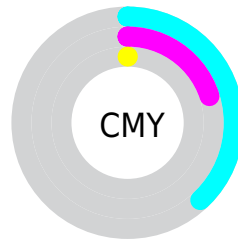
- Red (62%)
- Green (80%)
- Blue (100%)



- 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 9DCBFF 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 9DCBFF by changing the saturation by 10% instead.

 9DCBFF

 9DCBFF

FFFFFF

 81B0E2

 D6FFFF

 6595C6

 F3FFFF

 4A7BAB

 2C6390

 014B76

 00345D

 002045

 00052F

 000119

■ 9DCBFF

■ 9DCBFF

■ 84BDFF

■ B7D9FF

■ 6AB0FF

■ D0E6FF

■ 51A2FF

■ EAF4FF

■ 3795FF

FFFFFF

■ 1D87FF

■ 047AFF

■ 0078FF

Harmonies

Analogous

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



7BD2F5



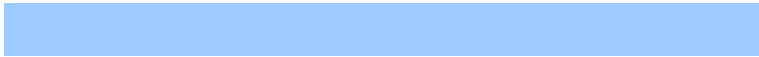
9DCBFF



C5C1FA

Triad

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



9DCBFF



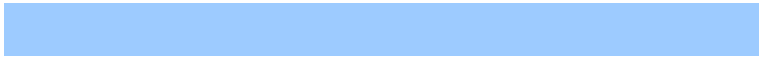
FFB4B0



A2D3A6

Complementary

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



9DCBFF



FFD19D

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.



C2CD93



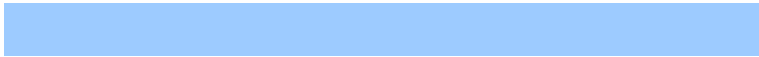
9DCBFF



F6BA99

Square

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



9DCBFF



FCB3CD



E0C48F



83D7C1

Rectangle

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



9DCBFF



DDBBEF



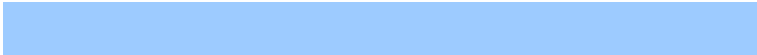
E0C48F



ACD19E

Sweetspot

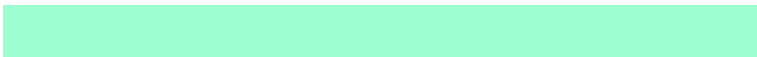
The Sweet Spot groups the original color and five complimentary colors.



9DCBFF



E0EFFF



9DFFD0



6E7680



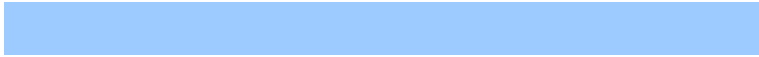
000000



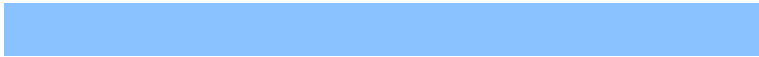
808080

Same Dimension

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



9DCBFF



8AC1FF



9F9DFF



737980



005ABF



001E40

Inverse Universe

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



FF9DCB



FF8AC1



FDF99D



807379



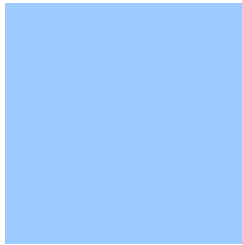
BF005A



40001E

Previews

White Background



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

Color Contrast Check

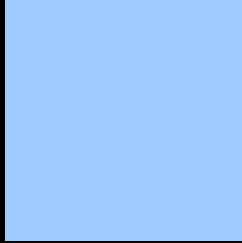
Large Text (above 18pt) WCAG AA × Fail

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 9DCBFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

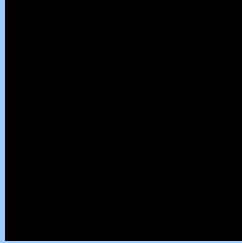
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

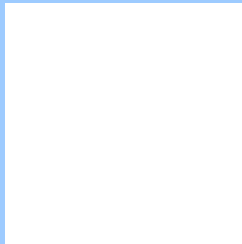
Any Text WCAG AAA ✓ Pass

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

Hex 9DCBFF Background



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



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

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](#).

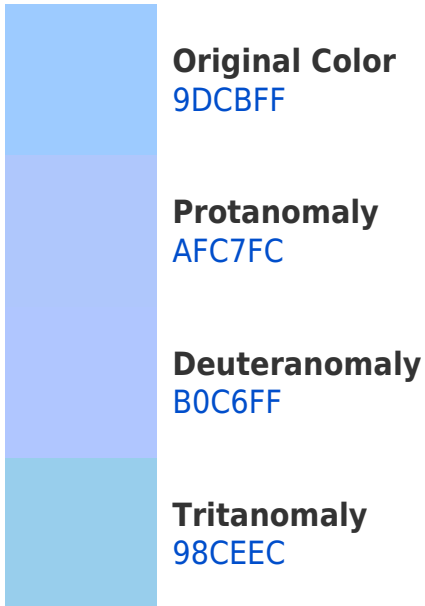
Dichromacy



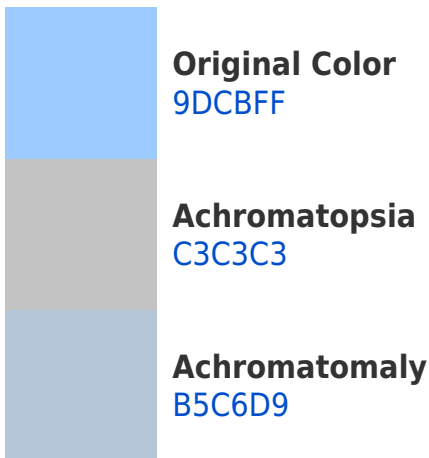


Tritanopia
95D0E1

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #9DCBFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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