

Converting Colors

Hex(9CDBFF)

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

Hex(9CDBFF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9CDBFF)

Conversions

Conversions Part 1

Format	Color
Hex	9CDBFF
RGB	156, 219, 255
RGB Percent	61%, 86%, 100%
CMY	0.3882, 0.1412, 0.0000
CMYK	0.39, 0.14, 0.00, 0.00
HSL	202°, 100%, 81%
HSV	202°, 39%, 100%
XYZ	57.0918, 64.9510, 104.1355
YIQ	204.2670, -49.1040, -2.1600

Conversions

Conversions Part 2

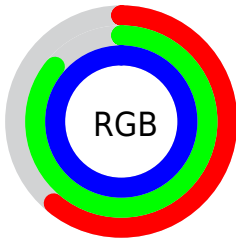
Format	Color
RYB	156, 195, 255
Decimal	10279935
CIELab	84.46, -11.14, -23.85
CIElCh	84, 26.318, 244.964
Yxy	64.9510, 0.2524, 0.2872
Android (android.graphics.Color)	4288470015 (0xFF9CDBFF)
YUV	204.2670, 25.0114, -42.3302
Hunter-Lab	80.5922, -14.5861, -20.1958

Details

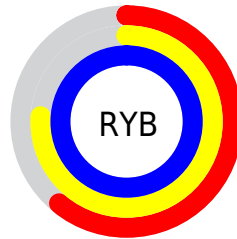
The Hex color **9CDBFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFC09C**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **D5FFFF**, and **64A4C6** is the 20% darker color. If you saturate the color by 10%, you get **83D2FF**, and if you desaturate by 10%, it is **B6E4FF**.

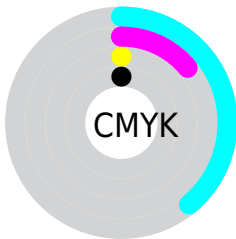
Distribution



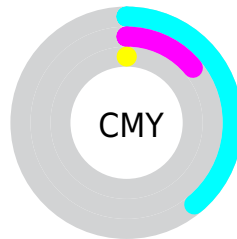
- Red (61%)
- Green (86%)
- Blue (100%)



- Red (61%)
- Yellow (76%)
- Blue (100%)



- Cyan (39%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 9CDBFF

 9CDBFF

FFFFFF

 80BFE2

 D5FFFF

 64A4C6

 F3FFFF

 488AAB

 297090

 005877

 00415E

 002B46


 00172F

 00011A

 9CDBFF

 9CDBFF

 83D2FF

 B6E4FF

 69C8FF

 CFEEFF

 50BFFF

 E9F7FF

 36B6FF

FFFFFF

 1DADFF

 03A3FF

 00A2FF

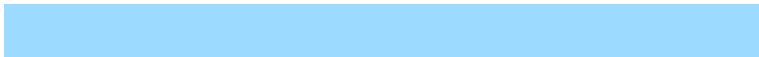
Harmonies

Analogous

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



8DE0EE



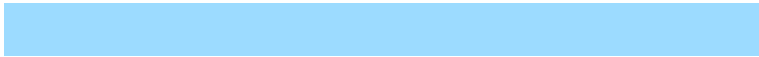
9CDBFF



BBD4FF

Triad

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



9CDBFF



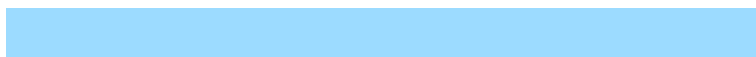
FFC1CF



C6DAAA

Complementary

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



9CDBFF



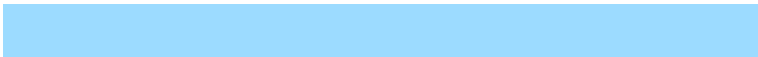
FFC09C

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.



E1D2A1



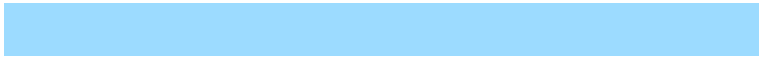
9CDBFF



FFC3B7

Square

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



9CDBFF



F7C4E8



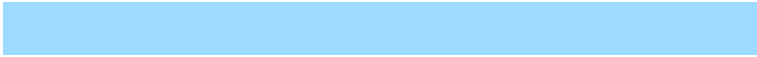
F7CAA7



AADFBD

Rectangle

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



9CDBFF



D1CEFF



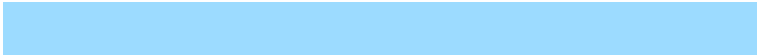
F7CAA7



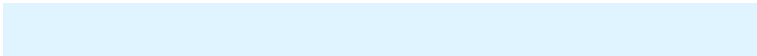
CFD8A5

Sweetspot

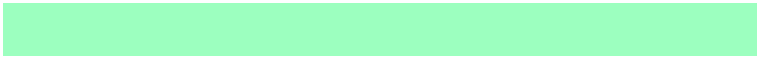
The Sweet Spot groups the original color and five complimentary colors.



9CDBFF



E0F4FF



9CFFBF



6E7980



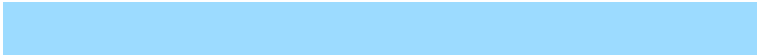
000000



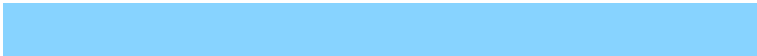
808080

Same Dimension

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



9CDBFF



87D3FF



9CABFF



737B80



007ABF



002940

Inverse Universe

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



FF9CDB



FF87D3



FFF09C



80737B



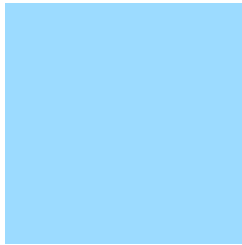
BF007A



400029

Previews

White Background



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

Color Contrast Check

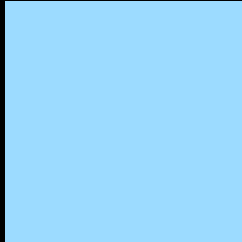
Large Text (above 18pt) WCAG AA × Fail

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 9CDBFF 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 9CDBFF Background



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

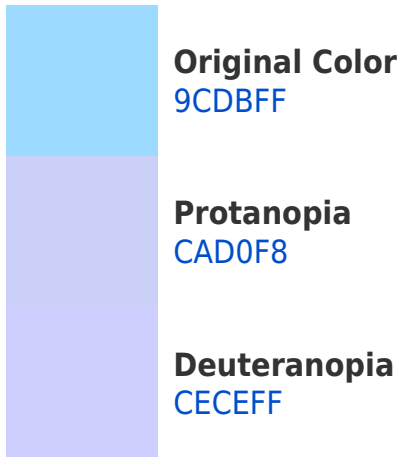


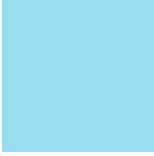
This preview shows how white text looks on a background with the Hex color 9CDBFF.

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](#).

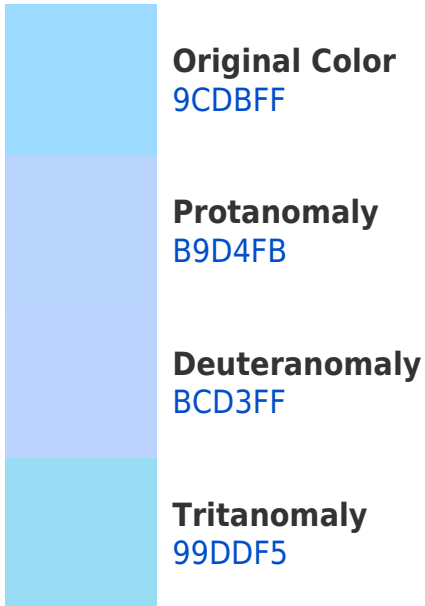
Dichromacy



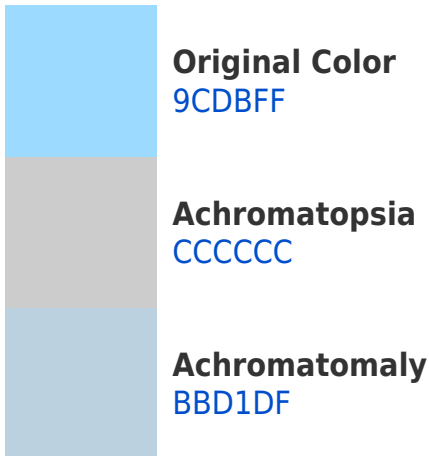


Tritanopia
98DEEF

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #9CDBFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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