

# Converting Colors

Hex(98C9FF)

Have a look what the booklet for  
Hex(98C9FF) contains.

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# **Color**

**Hex(98C9FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	98C9FF
RGB	152, 201, 255
RGB Percent	60%, 79%, 100%
CMY	0.4039, 0.2118, 0.0000
CMYK	0.40, 0.21, 0.00, 0.00
HSL	211°, 100%, 80%
HSV	211°, 40%, 100%
XYZ	51.8855, 55.6687, 102.6182
YIQ	192.5050, -46.5380, 6.4060

# Conversions

## Conversions Part 2

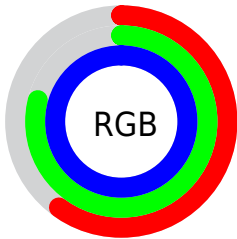
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	152, 185, 255
Decimal	10013183
CIE Lab	79.42, -2.68, -31.56
CIE LCh	79, 31.676, 265.154
Yxy	55.6687, 0.2469, 0.2649
Android (android.graphics.Color)	4288203263 (0xFF98C9FF)
YUV	192.5050, 30.8100, -35.5229
Hunter-Lab	74.6115, -6.4394, -29.3176

# Details

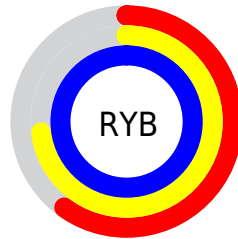
The Hex color **98C9FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFCE98**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **D1FFFF**, and **6093C6** is the 20% darker color. If you saturate the color by 10%, you get **7FBCFF**, and if you desaturate by 10%, it is **B2D6FF**.

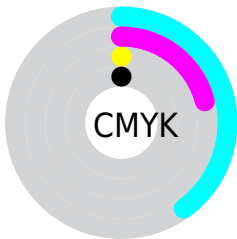
# Distribution



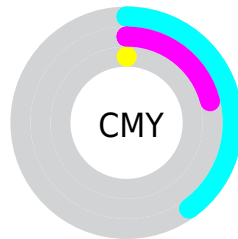
- Red (60%)
- Green (79%)
- Blue (100%)



- Red (60%)
- Yellow (73%)
- Blue (100%)



- Cyan (40%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (21%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98C9FF 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 98C9FF by changing the saturation by 10% instead.



 98C9FF

 98C9FF

FFFFFF

 7CAEE2

 D1FFFF

 6093C6

 EFFFFFF

 447AAB

 246190

 004976

 00335D

 001E45

 00042F

 000119

■ 98C9FF

■ 98C9FF

■ 7FBCFF

■ B2D6FF

■ 65AEFF

■ CBE4FF

■ 4CA1FF

■ E5F1FF

■ 3294FF

■ FEFEFF

■ 1886FF

■ FFFFFFFF

■ 0079FF

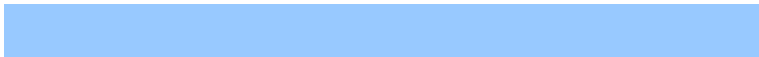
# Harmonies

## Analogous

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



74D1F4



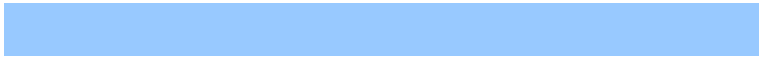
98C9FF



C3BFFA

# Triad

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



98C9FF



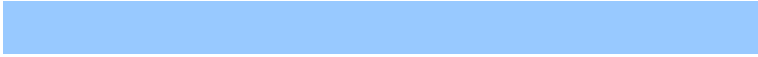
FFB0AD



9ED1A2

# Complementary

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



98C9FF



FFCE98

# 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.



C0CB8F



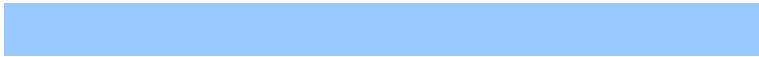
98C9FF



F5B795

# Square

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



98C9FF



FBAFCB



DEC18A



7DD5BF

# Rectangle

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



98C9FF



DCB8EF



DEC18A



A9CF9A

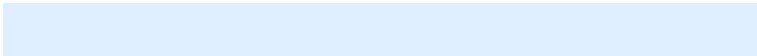


# Sweetspot

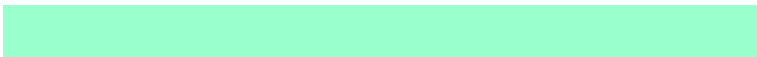
The Sweet Spot groups the original color and five complimentary colors.



98C9FF



E0EFFF



98FFCD



6E7680



000000



808080

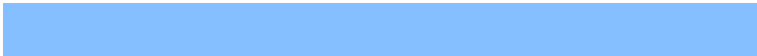


# Same Dimension

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



98C9FF



85BFFF



9A98FF



737980



005BBF



001E40



# Inverse Universe

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



FF98C9



FF85BF



FDF998



807379



BF005B

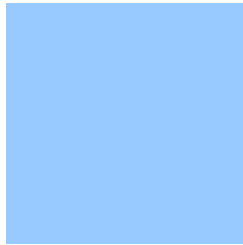


40001E



# Previews

## White Background



This preview shows how the Hex color 98C9FF looks on a white background.

## Color Contrast Check

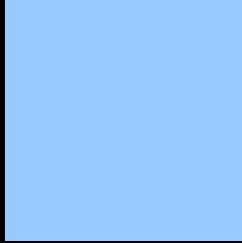
Large Text (above 18pt) WCAG AA × Fail

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 98C9FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

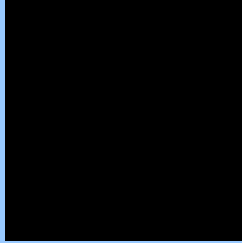
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

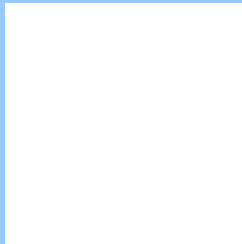
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 98C9FF Background



This preview shows how black text looks on a background with the Hex color 98C9FF.

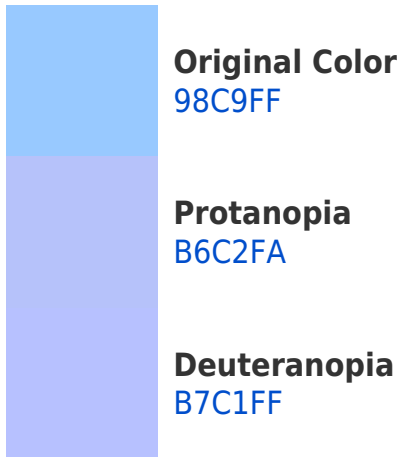


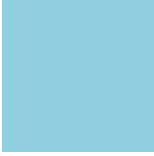
This preview shows how white text looks on a background with the Hex color 98C9FF.

# 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](#).

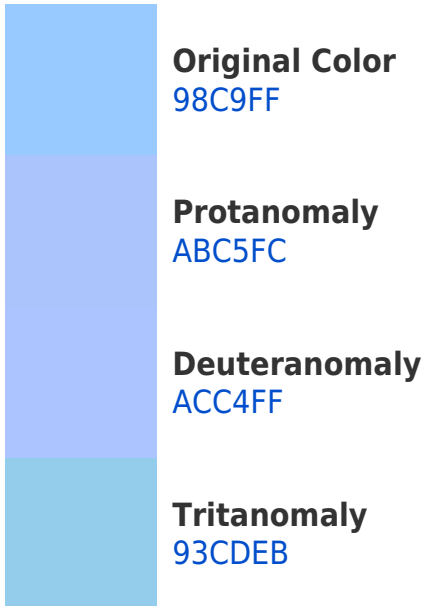
## Dichromacy



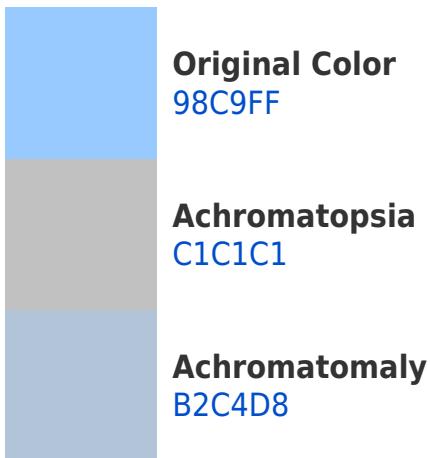


**Tritanopia**  
90CFDF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98C9FF 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 #98C9FF looks like.

```
.text, #text, p{  
    color:#98C9FF  
}
```

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 #98C9FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98C9FF
}
```

## Border

The CSS property to change the border of an element to Hex 98C9FF 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
#98C9FF }
```

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

```
.border{ border-color:#98C9FF }
```

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

Here you see how a box with a 4 pixel #98C9FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98C9FF; -webkit-box-shadow:4px 4px  
4px 4px #98C9FF; box-shadow:4px 4px 4px  
4px #98C9FF }
```

# Background

The CSS property to change the background color of an element to Hex 98C9FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98C9FF }
```

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

```
.background{ background-color:#98C9FF }
```

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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