

# Converting Colors

Hex(9CC7EE)

Have a look what the booklet for  
Hex(9CC7EE) contains.

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# **Color**

**Hex(9CC7EE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CC7EE
RGB	156, 199, 238
RGB Percent	61%, 78%, 93%
CMY	0.3882, 0.2196, 0.0667
CMYK	0.34, 0.16, 0.00, 0.07
HSL	209°, 71%, 77%
HSV	209°, 34%, 93%
XYZ	49.5663, 54.0878, 88.7165
YIQ	190.5890, -38.1470, 3.0130

# Conversions

## Conversions Part 2

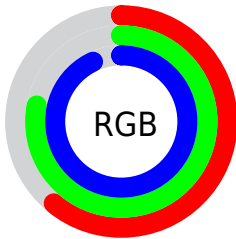
Format	Color
<a href="#">RYB</a>	<a href="#">156, 184, 238</a>
Decimal	<a href="#">10274798</a>
CIELab	<a href="#">78.51, -4.93, -23.85</a>
CIELCh	<a href="#">79, 24.351, 258.328</a>
Yxy	<a href="#">54.0878, 0.2577, 0.2812</a>
Android (android.graphics.Color)	<a href="#">4288464878</a> ( <a href="#">0xFF9CC7EE</a> )
YUV	<a href="#">190.5890, 23.3736, -30.3346</a>
Hunter-Lab	<a href="#">73.5444, -8.4000, -20.0403</a>

# Details

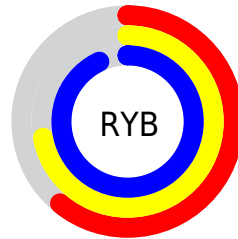
The Hex color **9CC7EE** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **EEC39C**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **D4FFFF**, and **6691B6** is the 20% darker color. If you saturate the color by 10%, you get **84BCEE**, and if you desaturate by 10%, it is **B4D2EE**.

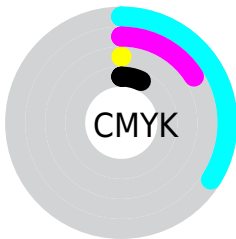
# Distribution



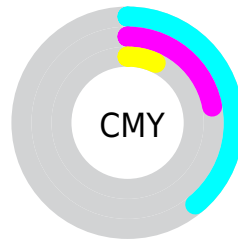
- Red (61%)
- Green (78%)
- Blue (93%)



- Red (61%)
- Yellow (72%)
- Blue (93%)



- Cyan (34%)
- Magenta (16%)
- Yellow (0%)
- Black (7%)



- Cyan (39%)
- Magenta (22%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9CC7EE 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 9CC7EE by changing the saturation by 10% instead.



■ 9CC7EE

■ 9CC7EE

FFFFFF

■ 81ACD2

■ D4FFFF

■ 6691B6

■ F1FFFF

■ 4B789B

■ 305F81

■ 104768

■ 00314F

■ 001C38

■ 000223

■ 00000A

■ 9CC7EE

■ 9CC7EE

■ 84BCEE

■ B4D2EE

■ 6CB0EE

■ CCDEEE

■ 55A5EE

■ E3E9EE

■ 3D9AEE

■ FBF4EE

■ 258EEE

■ FFFFEE

■ 0D83EE

■ 007DEE

# Harmonies

## Analogous

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



86CCE3



9CC7EE



BAC0ED

# Triad

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



9CC7EE



F1B2B5



ABCBA4

# Complementary

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



9CC7EE



EEC39C

# 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.



C5C597



9CC7EE



ECB7A1

# Square

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



9CC7EE



EAB3CC



DCBE96



93CFB8

# Rectangle

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



9CC7EE



CEBAE6



DCBE96

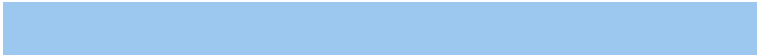


B4C99E



# Sweetspot

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



9CC7EE



E6F3FF



9CCEC2



707880



000000



808080

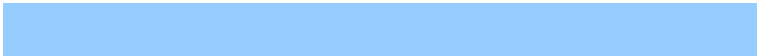


# Same Dimension

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



9CC7EE



96CDFF



9C9FEE



6C7278



0060B8



001D38



# Inverse Universe

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



EE9CC7



FF96CD



EEEE9C



786C72



B80060

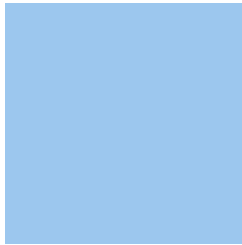


38001D



# Previews

## White Background



This preview shows how the Hex color 9CC7EE looks on a white background.

## Color Contrast Check

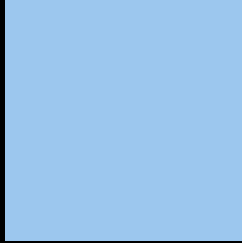
Large Text (above 18pt) WCAG AA × Fail

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 9CC7EE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

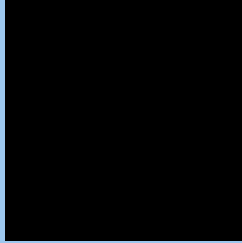
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

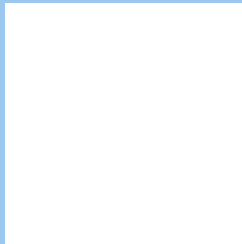
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9CC7EE Background



This preview shows how black text looks on a background with the Hex color 9CC7EE.



This preview shows how white text looks on a background with the Hex color 9CC7EE.

# 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](#).

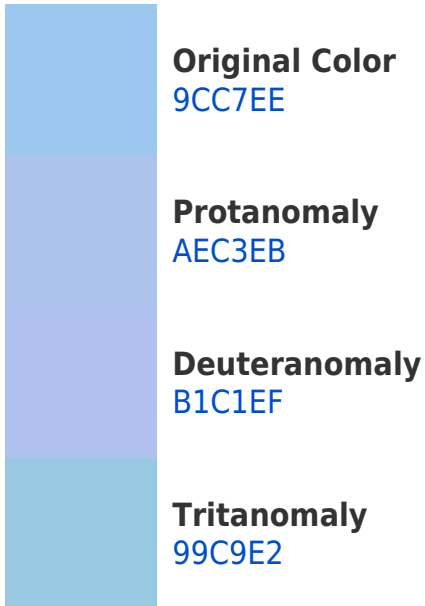
## Dichromacy



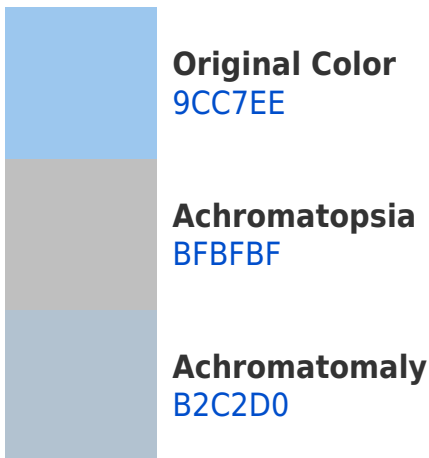


**Tritanopia**  
97CADB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9CC7EE 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 #9CC7EE looks like.

```
.text, #text, p{  
    color:#9CC7EE  
}
```

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 #9CC7EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CC7EE  
}
```

## Border

The CSS property to change the border of an element to Hex 9CC7EE 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  
#9CC7EE }
```

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

```
.border{ border-color:#9CC7EE }
```

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

Here you see how a box with a 4 pixel #9CC7EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CC7EE; -webkit-box-shadow:4px 4px  
4px 4px #9CC7EE; box-shadow:4px 4px 4px  
4px #9CC7EE }
```

# Background

The CSS property to change the background color of an element to Hex 9CC7EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CC7EE }
```

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

```
.background{ background-color:#9CC7EE }
```

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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