

# Converting Colors

Hex(9CCEFF)

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

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# **Color**

**Hex(9CCEFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CCEFF
RGB	156, 206, 255
RGB Percent	61%, 81%, 100%
CMY	0.3882, 0.1922, 0.0000
CMYK	0.39, 0.19, 0.00, 0.00
HSL	210°, 100%, 81%
HSV	210°, 39%, 100%
XYZ	53.8316, 58.4305, 103.0487
YIQ	196.6360, -45.5290, 4.6390

# Conversions

## Conversions Part 2

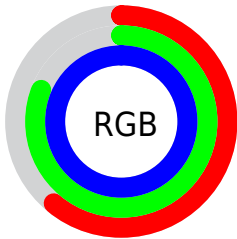
Format	Color
R <sub>Y</sub> B	156, 189, 255
Decimal	10276607
CIE Lab	80.98, -4.32, -29.16
CIE LCh	81, 29.478, 261.569
Yxy	58.4305, 0.2500, 0.2714
Android (android.graphics.Color)	4288466687 (0xFF9CCEFF)
YUV	196.6360, 28.7735, -35.6378
Hunter-Lab	76.4399, -8.0639, -26.4211

# Details

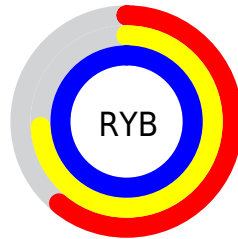
The Hex color **9CCEFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFCD9C**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **D5FFFF**, and **6498C6** is the 20% darker color. If you saturate the color by 10%, you get **83C1FF**, and if you desaturate by 10%, it is **B6DBFF**.

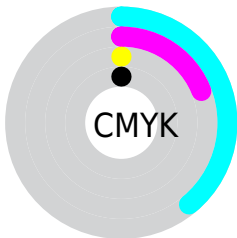
# Distribution



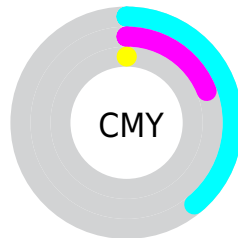
- Red (61%)
- Green (81%)
- Blue (100%)



- Red (61%)
- Yellow (74%)
- Blue (100%)



- Cyan (39%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (19%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



 9CCEFF

 9CCEFF

FFFFFF

 80B3E2

 D5FFFF

 6498C6

 F3FFFF

 487EAB

 2A6590

 004D76

 00375D

 002245

 000A2F

 00011A

 9CCEFF

 9CCEFF

 83C1FF

 B6DBFF

 69B5FF

 CFE7FF

 50A8FF

 E9F4FF

 369CFF

FFFFFF

 1D8FFF

 0382FF

 0081FF

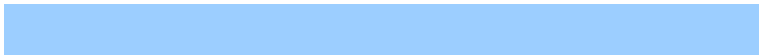
# Harmonies

## Analogous

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



7ED5F3



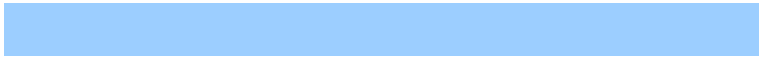
9CCEFF



C3C5FC

# Triad

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



9CCEFF



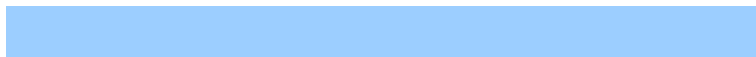
FFB6B6



A9D4A6

# Complementary

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



9CCEFF



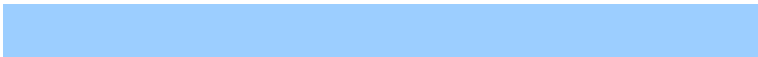
FFCD9C

# 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.



C8CE95



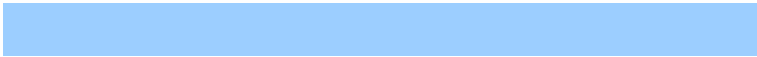
9CCEFF



F9BC9F

# Square

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



9CCEFF



FBB6D2



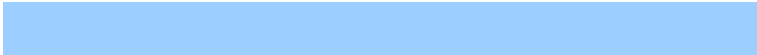
E4C593



8BD8C0

# Rectangle

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



9CCEFF



DBBEF2



E4C593

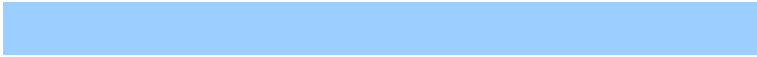


B3D29F

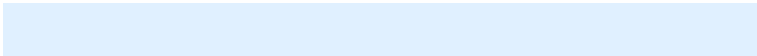


# Sweetspot

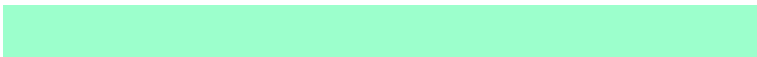
The Sweet Spot groups the original color and five complimentary colors.



9CCEFF



E0F0FF



9CFFCC



6E7780



000000



808080

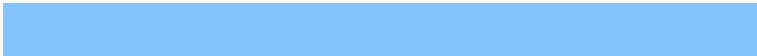


# Same Dimension

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



9CCEFF



87C4FF



9C9EFF



737980



0061BF



002040



# Inverse Universe

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



FF9CCE



FF87C4



FFFD9C



807379



BF0061

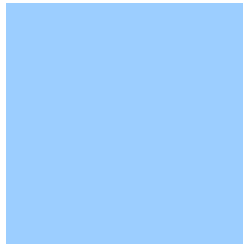


400020



# Previews

## White Background



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

## Color Contrast Check

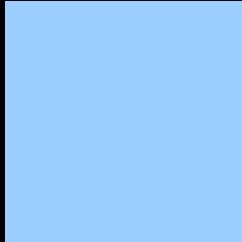
Large Text (above 18pt) WCAG AA × Fail

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 9CCEFF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

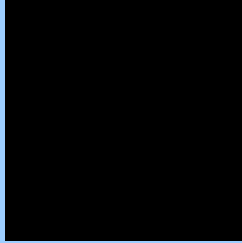
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

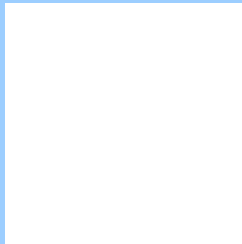
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9CCEFF Background



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



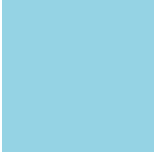
This preview shows how white text looks on a background with the Hex color 9CCEFF.

# 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



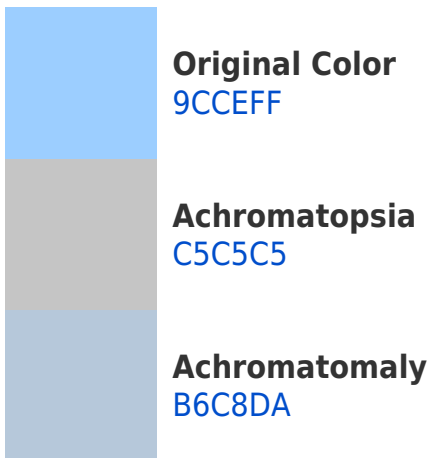


**Tritanopia**  
95D3E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #9CCEFF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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