

# Converting Colors

Hex(9CCCFF)

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

|                                                |    |
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# **Color**

**Hex(9CCCFF)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 9CCCCF                     |
| RGB         | 156, 204, 255              |
| RGB Percent | 61%, 80%, 100%             |
| CMY         | 0.3882, 0.2000, 0.0000     |
| CMYK        | 0.39, 0.20, 0.00, 0.00     |
| HSL         | 211°, 100%, 81%            |
| HSV         | 211°, 39%, 100%            |
| XYZ         | 53.3532, 57.4737, 102.8893 |
| YIQ         | 195.4620, -44.9790, 5.6850 |

# Conversions

## Conversions Part 2

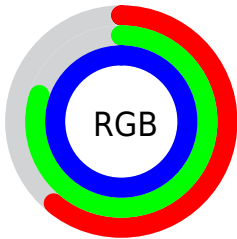
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 156, 188, 255                  |
| Decimal                             | 10276095                       |
| CIE Lab                             | 80.45, -3.26, -29.98           |
| CIE LCh                             | 80, 30.152, 263.799            |
| Yxy                                 | 57.4737, 0.2496,<br>0.2689     |
| Android<br>(android.graphics.Color) | 4288466175<br>(0xFF9CCCFF)     |
| YUV                                 | 195.4620, 29.3522,<br>-34.6082 |
| Hunter-Lab                          | 75.8114, -7.0484,<br>-27.3989  |

# Details

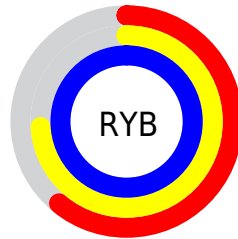
The Hex color **9CCCCF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFCF9C**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **D5FFFF**, and **6496C6** is the 20% darker color. If you saturate the color by 10%, you get **83BFFF**, and if you desaturate by 10%, it is **B6D9FF**.

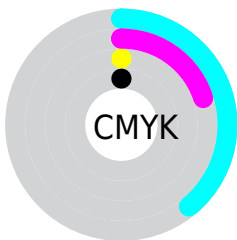
# Distribution



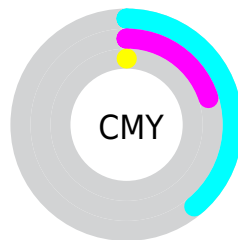
- Red (61%)
- Green (80%)
- Blue (100%)



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



- Cyan (39%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (20%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



 9CCCCF

 9CCCCF

FFFFFF

 80B1E2

 D5FFFF

 6496C6

 F3FFFF

 487CAB

 2B6390

 004C76

 00355D

 002045

 00072F

 000119

 9CCCCF

 9CCCCF

 83BFFF

 B6D9FF

 69B2FF

 CFE6FF

 50A5FF

 E9F3FF

 3697FF

FFFFFF

 1D8AFF

 037DFF

 007CFF

# Harmonies

## Analogous

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



7BD3F4



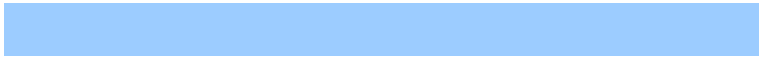
9CCCFE



C4C2FB

# Triad

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



9CCCFF



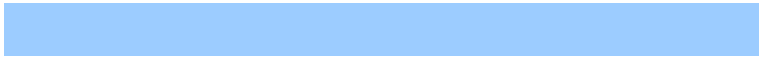
FFB4B2



A4D4A6

# Complementary

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



9CCCFF



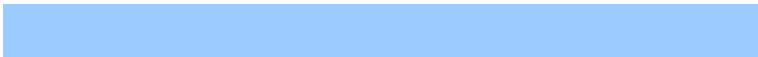
FFCF9C

# 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.



C4CD94



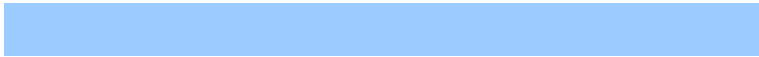
9CCCFF



F7BB9B

# Square

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



9CCCFF



FBB3CF



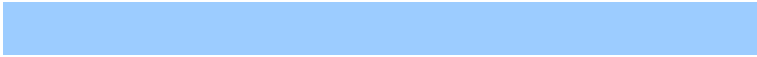
E2C490



86D7C1

# Rectangle

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



9CCCFF



DCBCF0



E2C490

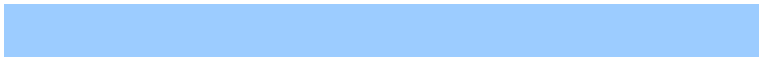


AFD29E

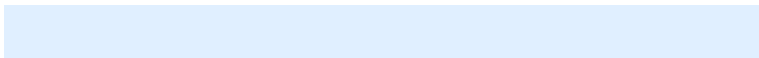


# Sweetspot

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



9CCCFF



E0EFFF



9CFFCE



6E7680



000000

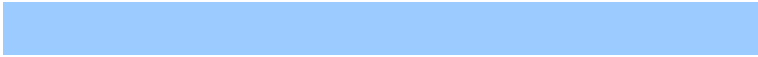


808080

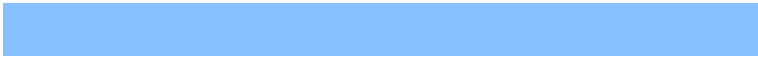


# Same Dimension

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



9CCCFE



87C1FF



9C9CFF



737980



005DBF



001F40



# Inverse Universe

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



FF9CCC



FF87C1



FFFF9C



807379



BF005D

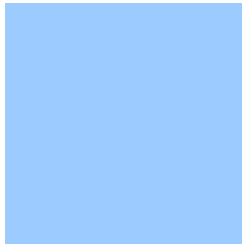


40001F



# Previews

## White Background



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

## Color Contrast Check

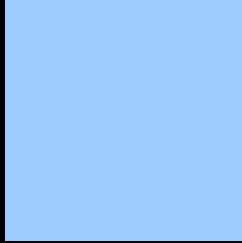
Large Text (above 18pt) WCAG AA × Fail

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 9CCCCF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

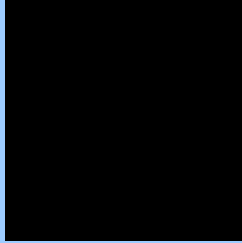
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

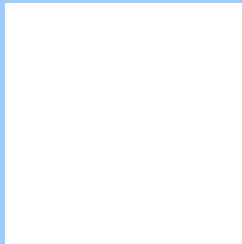
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9CCCFF Background



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

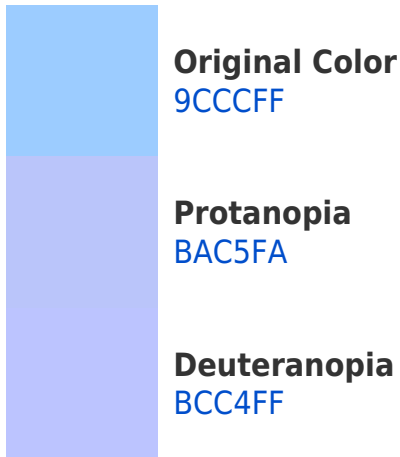


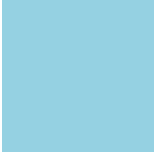
This preview shows how white text looks on a background with the Hex color 9CCCFF.

# 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



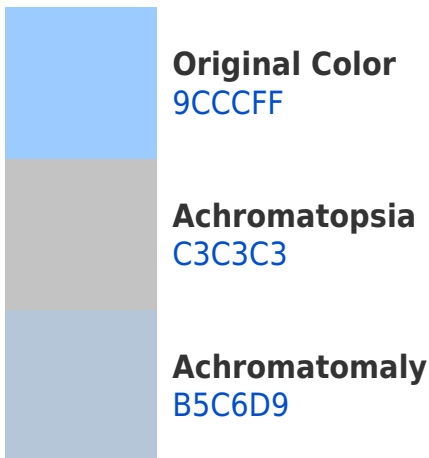


**Tritanopia**  
95D1E2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #9CCCCF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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