

# Converting Colors

Hex(9EEEFF)

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

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# **Color**

**Hex(9EEEFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9EEEFF
RGB	158, 238, 255
RGB Percent	62%, 93%, 100%
CMY	0.3804, 0.0667, 0.0000
CMYK	0.38, 0.07, 0.00, 0.00
HSL	191°, 100%, 81%
HSV	191°, 38%, 100%
XYZ	62.7251, 75.6382, 105.9014
YIQ	216.0180, -53.1370, -11.6730

# Conversions

## Conversions Part 2

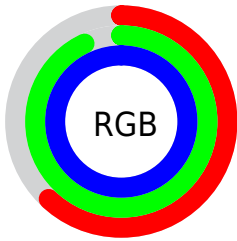
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 202, 255
Decimal	10415871
CIE <sub>Lab</sub>	89.69, -20.25, -15.93
CIE <sub>LCh</sub>	90, 25.765, 218.195
Yxy	75.6382, 0.2568, 0.3097
Android (android.graphics.Color)	4288605951 (0xFF9EEEFF)
YUV	216.0180, 19.2181, -50.8818
Hunter-Lab	86.9702, -23.4592, -11.3168

# Details

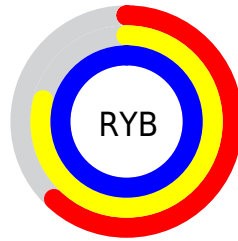
The Hex color **9EEEFF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FFAF9E**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **D8FFFF**, and **65B6C6** is the 20% darker color. If you saturate the color by 10%, you get **84EAFF**, and if you desaturate by 10%, it is **B8F2FF**.

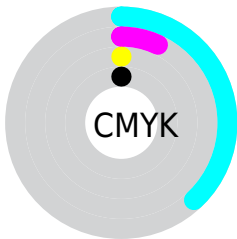
# Distribution



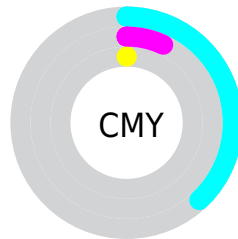
- Red (62%)
- Green (93%)
- Blue (100%)



- Red (62%)
- Yellow (79%)
- Blue (100%)



- Cyan (38%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (7%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



 9EEEFF

 9EEEFF

FFFFFF

 82D2E2

 D8FFFF

 65B6C6

 F5FFFF

 499BAB

 298190

 006877

 004F5E

 003846

 002330

 00011C

 9EEEEFF

 9EEEEFF

 84EAFF

 B8F2FF

 6BE5FF

 D1F7FF

 52E1FF

 EBF8FF

 38DCFF

FFFFFF

 1FD8FF

 05D3FF

 00D2FF

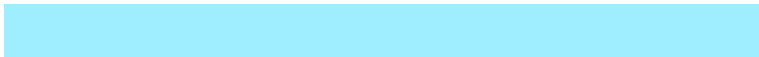
# Harmonies

## Analogous

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



A2F0E8



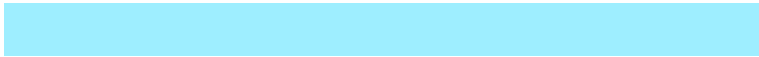
9EEEFF



AFE9FF

# Triad

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



9EEEF



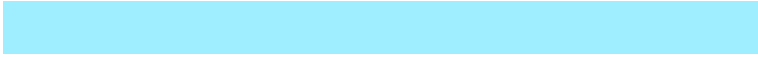
FFD2F4



EDE2B1

# Complementary

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



9EEEF



FFAF9E

# 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.



FFDAB4



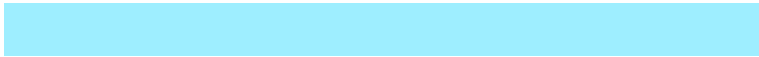
9EEEFF



FFD0DB

# Square

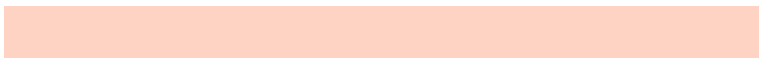
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



9EEEF



EED9FF



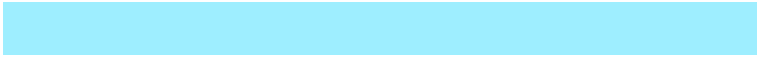
FFD3C4



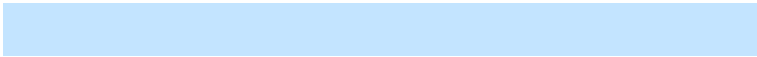
D2E9BA

# Rectangle

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



9EEEFF



C3E4FF



FFD3C4

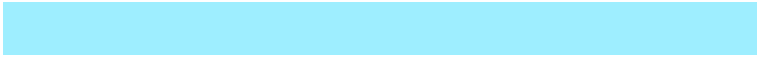


F6DFB1

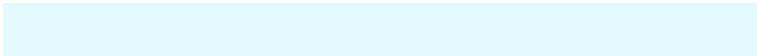


# Sweetspot

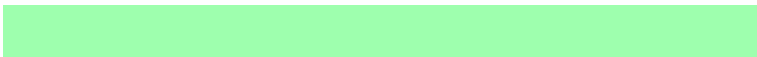
The Sweet Spot groups the original color and five complimentary colors.



9EEEFF



E3FAFF



9EFFAE



6F7D80



000000

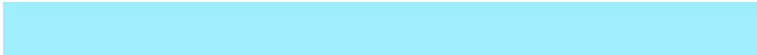


808080

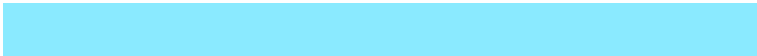


# Same Dimension

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



9EEEFF



8AEAFF



9EBEFF



737D80



009EBF



003540



# Inverse Universe

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



FF9EEE



FF8AEA



FFDF9E



80737D



BF009E

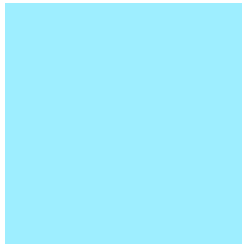


400035



# Previews

## White Background



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

## Color Contrast Check

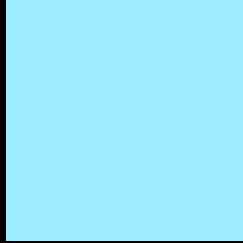
Large Text (above 18pt) WCAG AA × Fail

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 9EEEFF 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 9EEEFF Background



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

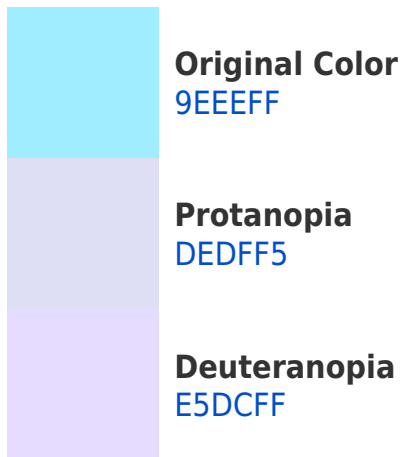


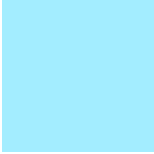
This preview shows how white text looks on a background with the Hex color 9EEEFF.

# 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](#).

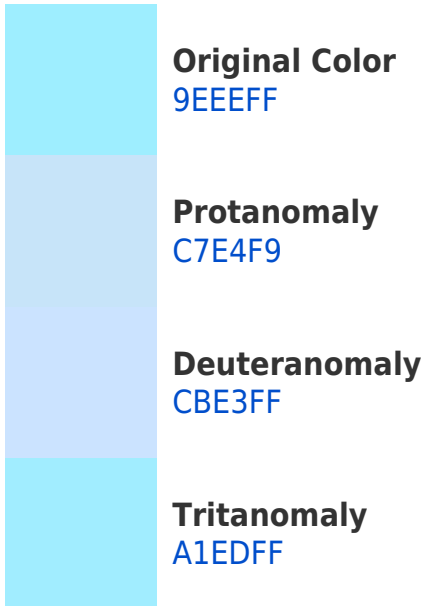
## Dichromacy



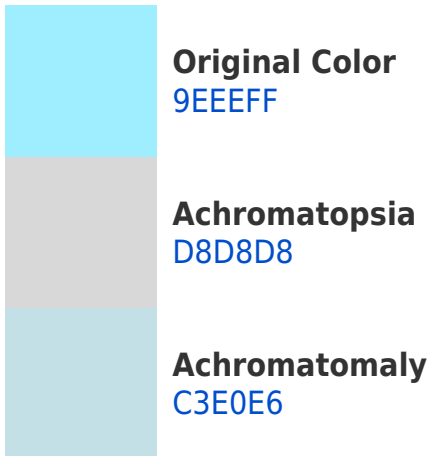


**Tritanopia**  
A3EDFF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #9EEEFF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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