

# Converting Colors

Hex(9ED1FF)

Have a look what the booklet for  
Hex(9ED1FF) contains.

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# **Color**

**Hex(9ED1FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9ED1FF
RGB	158, 209, 255
RGB Percent	62%, 82%, 100%
CMY	0.3804, 0.1804, 0.0000
CMYK	0.38, 0.18, 0.00, 0.00
HSL	208°, 100%, 81%
HSV	208°, 38%, 100%
XYZ	54.9510, 60.0900, 103.3100
YIQ	198.9950, -45.1620, 3.4940

# Conversions

## Conversions Part 2

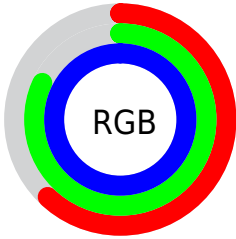
Format	Color
R <sub>Y</sub> B	158, 191, 255
Decimal	10408447
CIE Lab	81.89, -5.39, -27.76
CIE LCh	82, 28.276, 259.002
Yxy	60.0900, 0.2517, 0.2752
Android (android.graphics.Color)	4288598527 (0xFF9ED1FF)
YUV	198.9950, 27.6105, -35.9526
Hunter-Lab	77.5178, -9.1205, -24.7550

# Details

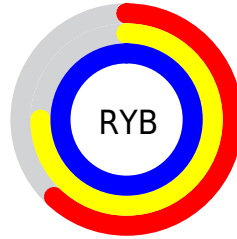
The Hex color **9ED1FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFCC9E**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **D7FFFF**, and **669BC6** is the 20% darker color. If you saturate the color by 10%, you get **84C5FF**, and if you desaturate by 10%, it is **B8DDFF**.

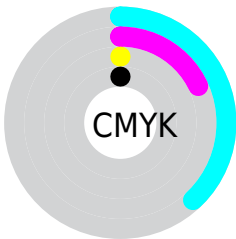
# Distribution



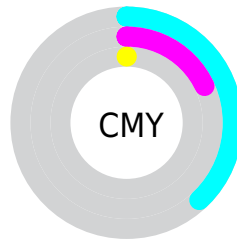
- Red (62%)
- Green (82%)
- Blue (100%)



- Red (62%)
- Yellow (75%)
- Blue (100%)



- Cyan (38%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (18%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9ED1FF 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 9ED1FF by changing the saturation by 10% instead.



 9ED1FF

 9ED1FF

FFFFFF

 82B5E2

 D7FFFF

 669BC6

 F5FFFF

 4B81AB

 2D6890

 035076

 00395D

 002446

 000E2F

 00011A

■ 9ED1FF

■ 9ED1FF

■ 84C5FF

■ B8DDFF

■ 6BB9FF

■ D1E9FF

■ 52ADFF

■ EBF5FF

■ 38A1FF

FFFFFF

■ 1F95FF

■ 0588FF

■ 0086FF

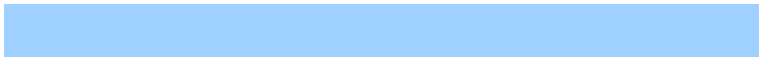
# Harmonies

## Analogous

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



83D7F3



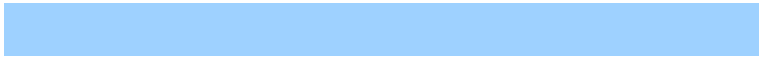
9ED1FF



C3C8FD

# Triad

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



9ED1FF



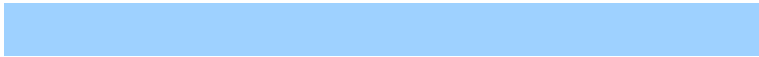
FFB9BC



AFD6A8

# Complementary

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



9ED1FF



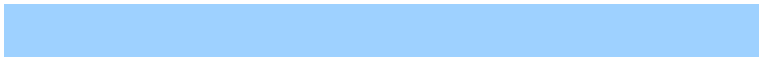
FFCC9E

# 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.



CECF99



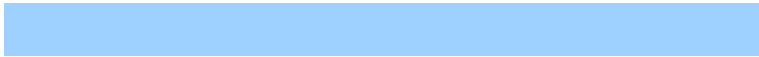
9ED1FF



FBBEA5

# Square

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



9ED1FF



FAB9D6



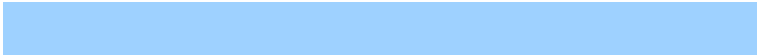
E8C798



92DAC1

# Rectangle

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



9ED1FF



DAC2F5



E8C798

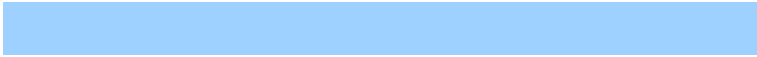


B9D4A2

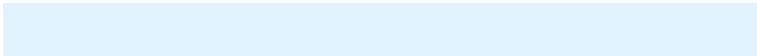


# Sweetspot

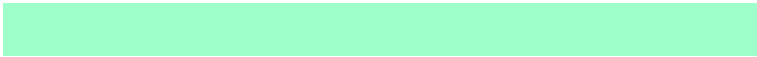
The Sweet Spot groups the original color and five complimentary colors.



9ED1FF



E3F2FF



9EFFCB



6F7880



000000

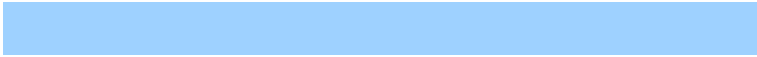


808080

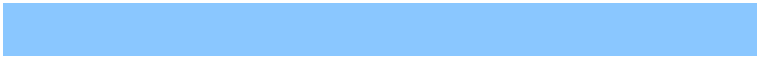


# Same Dimension

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



9ED1FF



8AC7FF



9EA1FF



737980



0065BF



002240



# Inverse Universe

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



FF9ED1



FF8AC7



FFFC9E



807379



BF0065

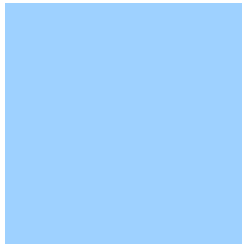


400022



# Previews

## White Background



This preview shows how the Hex color 9ED1FF looks on a white background.

## Color Contrast Check

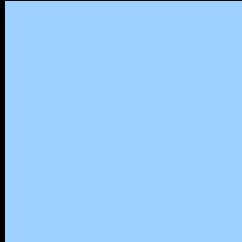
Large Text (above 18pt) WCAG AA × Fail

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 9ED1FF 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

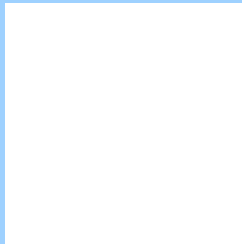
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9ED1FF Background



This preview shows how black text looks on a background with the Hex color 9ED1FF.

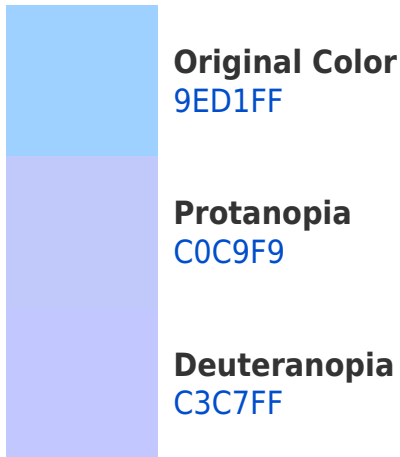


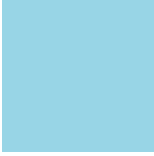
This preview shows how white text looks on a background with the Hex color 9ED1FF.

# 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



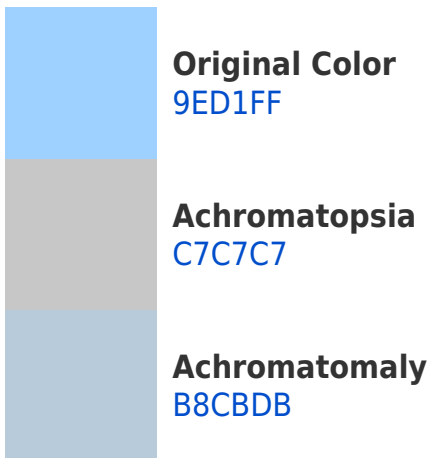


**Tritanopia**  
98D5E6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9ED1FF 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 #9ED1FF looks like.

```
.text, #text, p{  
    color:#9ED1FF  
}
```

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 #9ED1FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9ED1FF  
}
```

## Border

The CSS property to change the border of an element to Hex 9ED1FF 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  
#9ED1FF }
```

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

```
.border{ border-color:#9ED1FF }
```

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

Here you see how a box with a 4 pixel #9ED1FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9ED1FF; -webkit-box-shadow:4px 4px  
4px 4px #9ED1FF; box-shadow:4px 4px 4px  
4px #9ED1FF }
```

# Background

The CSS property to change the background color of an element to Hex 9ED1FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9ED1FF }
```

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

```
.background{ background-color:#9ED1FF }
```

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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