

# Converting Colors

Hex(99E1FF)

Have a look what the booklet for  
Hex(99E1FF) contains.

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**Color**

**Hex(99E1FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99E1FF
RGB	153, 225, 255
RGB Percent	60%, 88%, 100%
CMY	0.4000, 0.1176, 0.0000
CMYK	0.40, 0.12, 0.00, 0.00
HSL	198°, 100%, 80%
HSV	198°, 40%, 100%
XYZ	58.1121, 67.8427, 104.6399
YIQ	206.8920, -52.5420, -5.9340

# Conversions

## Conversions Part 2

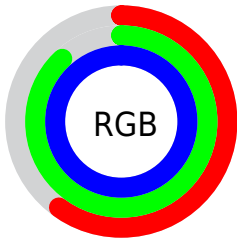
<b>Format</b>	<b>Color</b>
<b>RYB</b>	153, 195, 255
Decimal	10084863
CIELab	85.93, -14.97, -21.63
CIELCh	86, 26.306, 235.309
Yxy	67.8427, 0.2520, 0.2942
Android (android.graphics.Color)	4288274943 (0xFF99E1FF)
YUV	206.8920, 23.7172, -47.2633
Hunter-Lab	82.3667, -18.2048, -17.6662

# Details

The Hex color **99E1FF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FFB799**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **D3FFFF**, and **60AAC6** is the 20% darker color. If you saturate the color by 10%, you get **80DAFF**, and if you desaturate by 10%, it is **B3E9FF**.

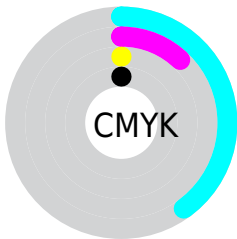
# Distribution



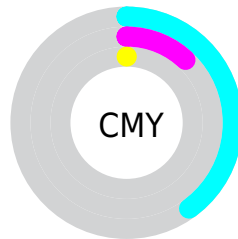
- Red (60%)
- Green (88%)
- Blue (100%)



- Red (60%)
- Yellow (76%)
- Blue (100%)



- Cyan (40%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)




- Cyan (40%)
- Magenta (12%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99E1FF 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 99E1FF by changing the saturation by 10% instead.



 99E1FF

 99E1FF

FFFFFF

 7DC5E2

 D3FFFF

 60AAC6

 F0FFFF

 438FAB

 237690

 005D77

 00455E

 002F46

 001B30

 00011B

 99E1FF

 99E1FF

 80DAFF

 B3E9FF

 66D2FF

 CCF0FF

 4DCBFF

 E6F8FF

 33C3FF

FFFFFF

 19BCFF

 00B4FF

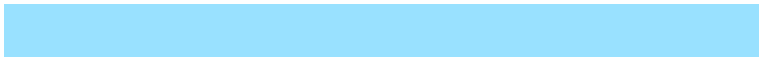
# Harmonies

## Analogous

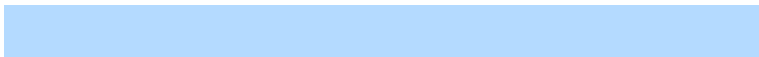
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91E5EB



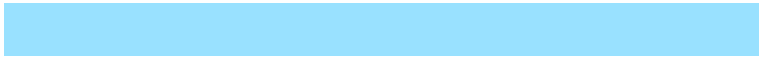
99E1FF



B4DAFF

# Triad

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



99E1FF



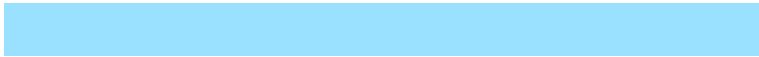
FFC5DC



D3DCAA

# Complementary

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



99E1FF



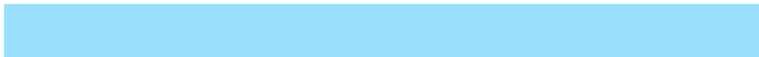
FFB799

# 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.



EDD4A6



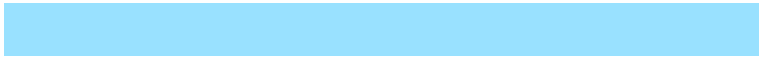
99E1FF



FFC6C3

# Square

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



99E1FF



F3CAF4



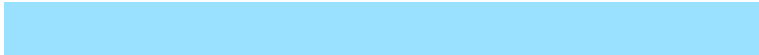
FFCCAF



B7E2BA

# Rectangle

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



99E1FF



CBD5FF



FFCCAF

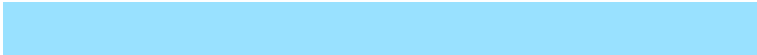


DCD9A7



# Sweetspot

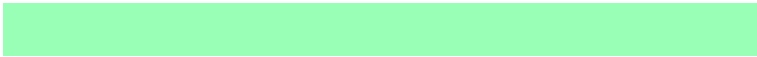
The Sweet Spot groups the original color and five complimentary colors.



99E1FF



E0F6FF



99FFB6



6E7A80



000000

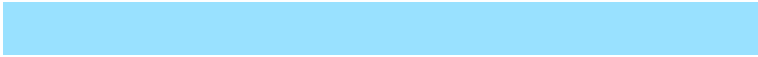


808080

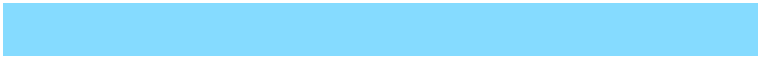


# Same Dimension

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



99E1FF



85DBFF



99AFFF



737C80



0087BF



002D40



# Inverse Universe

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



FF99E1



FF85DB



FFE999



80737C



BF0087

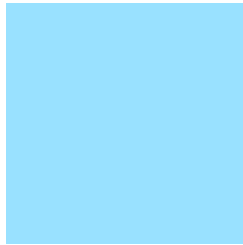


40002D



# Previews

## White Background



This preview shows how the Hex color 99E1FF looks on a white background.

## Color Contrast Check

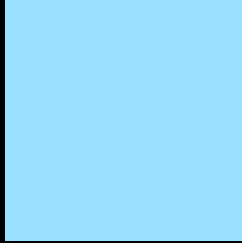
Large Text (above 18pt) WCAG AA × Fail

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 99E1FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

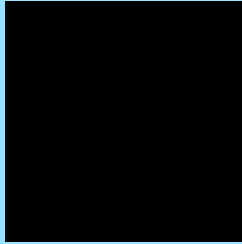
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 99E1FF Background



This preview shows how black text looks on a background with the Hex color 99E1FF.

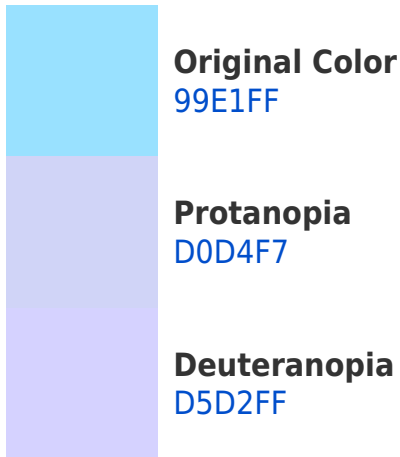


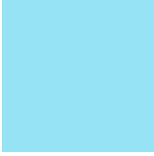
This preview shows how white text looks on a background with the Hex color 99E1FF.

# 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](#).

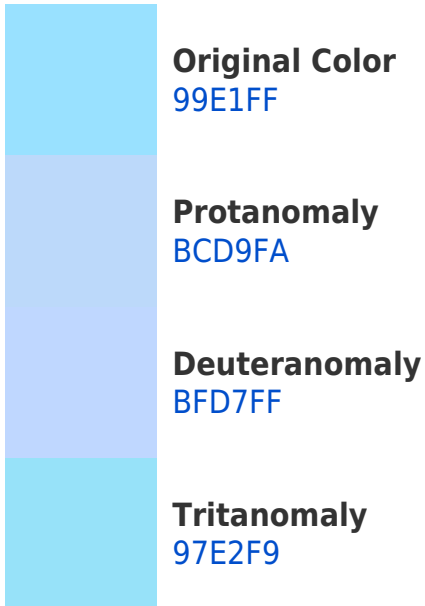
## Dichromacy



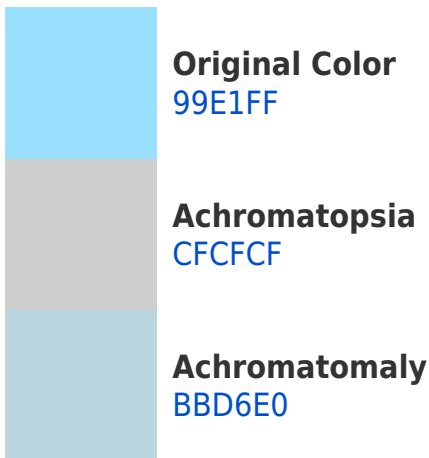


**Tritanopia**  
96E3F5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99E1FF 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 #99E1FF looks like.

```
.text, #text, p{  
    color:#99E1FF  
}
```

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 #99E1FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99E1FF  
}
```

## Border

The CSS property to change the border of an element to Hex 99E1FF 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  
#99E1FF }
```

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

```
.border{ border-color:#99E1FF }
```

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

Here you see how a box with a 4 pixel #99E1FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99E1FF; -webkit-box-shadow:4px 4px  
4px 4px #99E1FF; box-shadow:4px 4px 4px  
4px #99E1FF }
```

# Background

The CSS property to change the background color of an element to Hex 99E1FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99E1FF }
```

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

```
.background{ background-color:#99E1FF }
```

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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