

Converting Colors

Hex(99E4FF)

Have a look what the booklet for
Hex(99E4FF) contains.

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Color

Hex(99E4FF)

Conversions

Conversions Part 1

Format	Color
Hex	99E4FF
RGB	153, 228, 255
RGB Percent	60%, 89%, 100%
CMY	0.4000, 0.1059, 0.0000
CMYK	0.40, 0.11, 0.00, 0.00
HSL	196°, 100%, 80%
HSV	196°, 40%, 100%
XYZ	58.9303, 69.4791, 104.9126
YIQ	208.6530, -53.3670, -7.5030

Conversions

Conversions Part 2

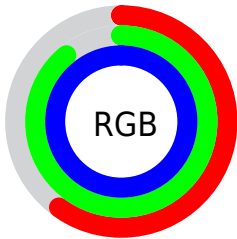
Format	Color
RYB	153, 196, 255
Decimal	10085631
CIELab	86.74, -16.49, -20.40
CIElCh	87, 26.234, 231.042
Yxy	69.4791, 0.2526, 0.2978
Android (android.graphics.Color)	4288275711 (0xFF99E4FF)
YUV	208.6530, 22.8491, -48.8077
Hunter-Lab	83.3541, -19.6726, -16.2767

Details

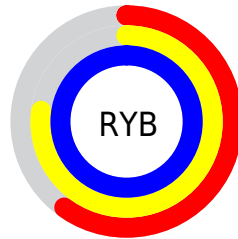
The Hex color **99E4FF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FFB499**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **D3FFFF**, and **60ADC6** is the 20% darker color. If you saturate the color by 10%, you get **80DDFF**, and if you desaturate by 10%, it is **B3EBFF**.

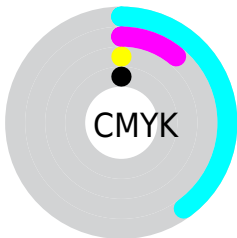
Distribution



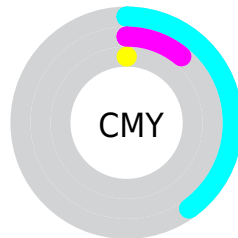
- Red (60%)
- Green (89%)
- Blue (100%)



- Red (60%)
- Yellow (77%)
- Blue (100%)



- Cyan (40%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99E4FF 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 99E4FF by changing the saturation by 10% instead.

 99E4FF

 99E4FF

FFFFFF

 7DC8E2

 D3FFFF

 60ADC6

 F0FFFF

 4392AB

 227890

 005F77

 00475E

 003146

 001D30

 00011B

 99E4FF

 99E4FF

 80DDFF

 B3EBFF

 66D7FF

 CCF2FF

 4DD0FF

 E6F8FF

 33C9FF

FFFFFF

 19C2FF

 00BCFF

Harmonies

Analogous

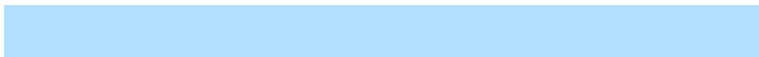
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94E7EA



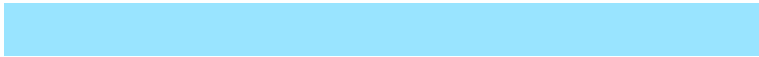
99E4FF



B2DEFF

Triad

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



99E4FF



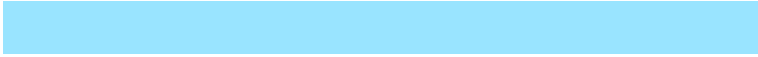
FFC8E2



D9DDAA

Complementary

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



99E4FF



FFB499

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.



F3D5A8



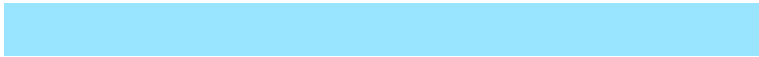
99E4FF



FFC8C8

Square

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



99E4FF



F2CDF9



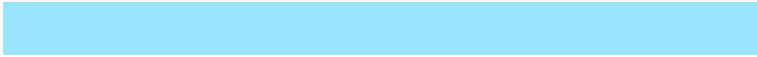
FFCDB3



BDE3B9

Rectangle

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



99E4FF



C8D8FF



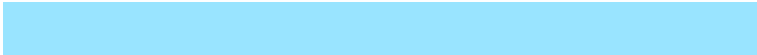
FFCDB3



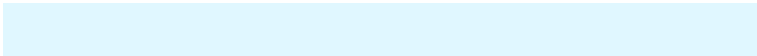
E3DAA8

Sweetspot

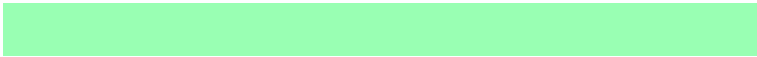
The Sweet Spot groups the original color and five complimentary colors.



99E4FF



E0F7FF



99FFB3



6E7B80



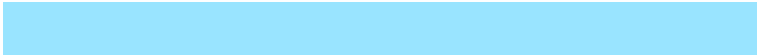
000000



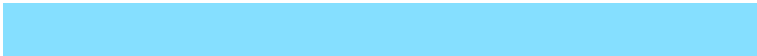
808080

Same Dimension

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



99E4FF



85DFFF



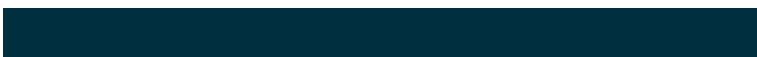
99B3FF



737C80



008DBF



002F40

Inverse Universe

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



FF99E4



FF85DF



FFE699



80737C



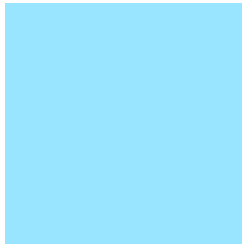
BF008D



40002F

Previews

White Background



This preview shows how the Hex color 99E4FF looks on a white background.

Color Contrast Check

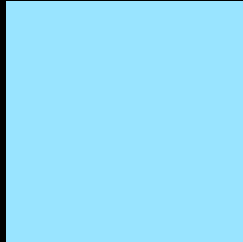
Large Text (above 18pt) WCAG AA × Fail

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 99E4FF 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 99E4FF Background



This preview shows how black text looks on a background with the Hex color 99E4FF.

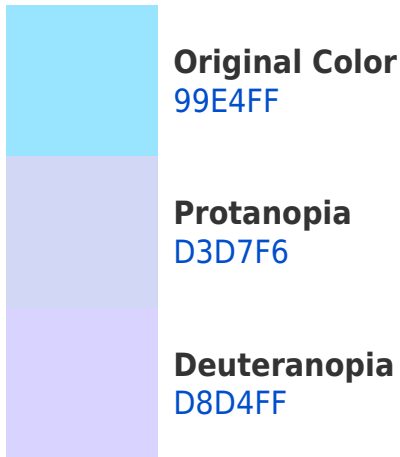


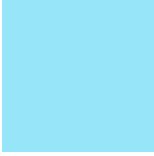
This preview shows how white text looks on a background with the Hex color 99E4FF.

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](#).

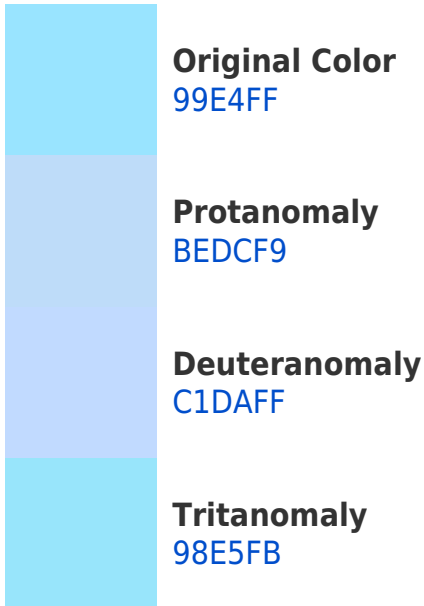
Dichromacy



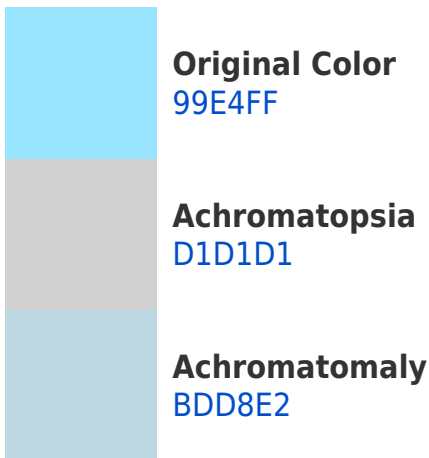


Tritanopia
97E5F8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 99E4FF 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 #99E4FF looks like.

```
.text, #text, p{  
    color:#99E4FF  
}
```

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 #99E4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99E4FF }  
}
```

Border

The CSS property to change the border of an element to Hex 99E4FF 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 #99E4FF }  
}
```

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

```
.border{ border-color:#99E4FF }
```

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

Here you see how a box with a 4 pixel #99E4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99E4FF; -webkit-box-shadow:4px 4px  
4px 4px #99E4FF; box-shadow:4px 4px 4px  
4px #99E4FF }
```

Background

The CSS property to change the background color of an element to Hex 99E4FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99E4FF }
```

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

```
.background{ background-color:#99E4FF }
```

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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