

Converting Colors

Hex(99CFFF)

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

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Color

Hex(99CFFF)

Conversions

Conversions Part 1

Format	Color
Hex	99CFFF
RGB	153, 207, 255
RGB Percent	60%, 81%, 100%
CMY	0.4000, 0.1882, 0.0000
CMYK	0.40, 0.19, 0.00, 0.00
HSL	208°, 100%, 80%
HSV	208°, 40%, 100%
XYZ	53.4997, 58.6180, 103.1024
YIQ	196.3260, -47.5920, 3.4800

Conversions

Conversions Part 2

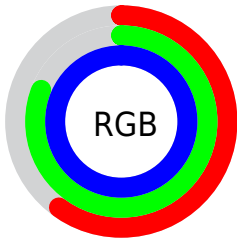
Format	Color
RYB	153, 188, 255
Decimal	10080255
CIELab	81.08, -5.62, -29.01
CIELCh	81, 29.554, 259.037
Yxy	58.6180, 0.2486, 0.2724
Android (android.graphics.Color)	4288270335 (0xFF99CFFF)
YUV	196.3260, 28.9263, -37.9969
Hunter-Lab	76.5624, -9.2532, -26.2490

Details

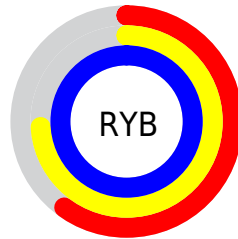
The Hex color **99CFFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFC999**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **D2FFFF**, and **6199C6** is the 20% darker color. If you saturate the color by 10%, you get **80C3FF**, and if you desaturate by 10%, it is **B3DBFF**.

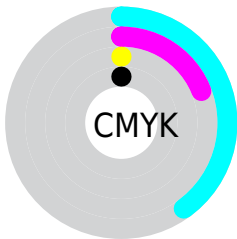
Distribution



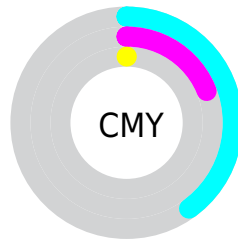
- Red (60%)
- Green (81%)
- Blue (100%)



- Red (60%)
- Yellow (74%)
- Blue (100%)



- Cyan (40%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 99CFFF

 99CFFF

FFFFFF

 7DB4E2

 D2FFFF

 6199C6

 F0FFFF

 457FAB

 256690

 004E76

 00375D

 002246

 000B2F

 00011A

■ 99CFFF

■ 99CFFF

■ 80C3FF

■ B3DBFF

■ 66B7FF

■ CCE7FF

■ 4DABFF

■ E6F3FF

■ 339FFF

FFFFFF

■ 1993FF

■ 0087FF

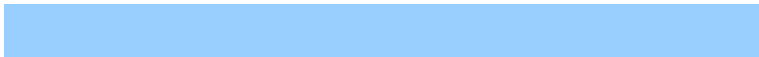
Harmonies

Analogous

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



7CD6F2



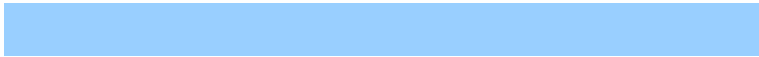
99CFFF



C0C6FD

Triad

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



99CFFF



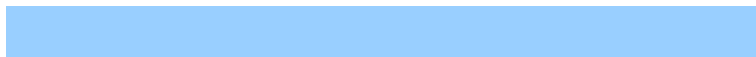
FFB6B9



ACD4A4

Complementary

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



99CFFF



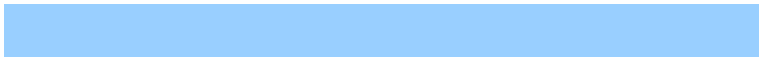
FFC999

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.



CBCD95



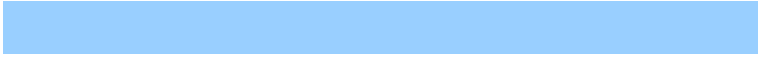
99CFFF



FABBA1

Square

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



99CFFF



FAB6D5



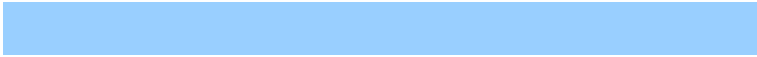
E7C493



8DD8BE

Rectangle

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



99CFFF



D8BFF4



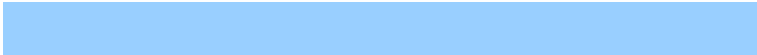
E7C493



B6D29E

Sweetspot

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



99CFFF



E0F1FF



99FFC9



6E7780



000000



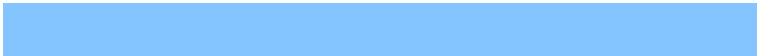
808080

Same Dimension

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



99CFFF



85C5FF



999CFF



737A80



0065BF



002240

Inverse Universe

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



FF99CF



FF85C5



FFFC99



80737A



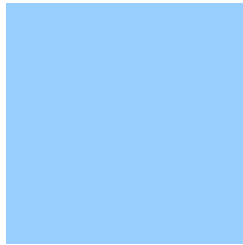
BF0065



400022

Previews

White Background



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

Color Contrast Check

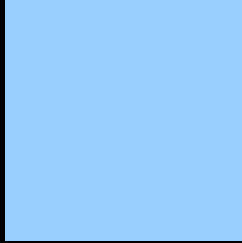
Large Text (above 18pt) WCAG AA × Fail

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 99CFFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

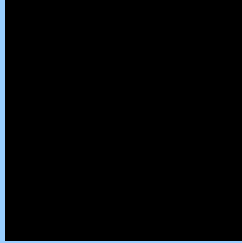
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

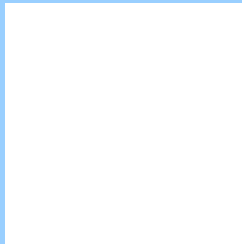
Any Text WCAG AAA ✓ Pass

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

Hex 99CFFF Background



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

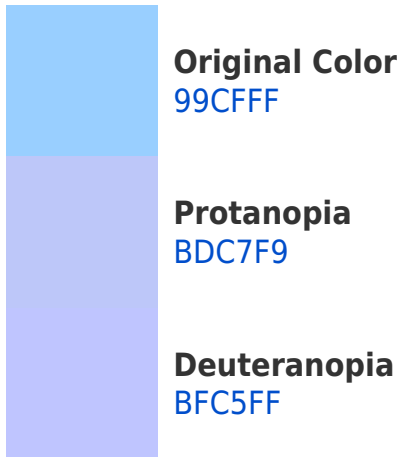


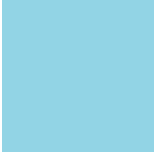
This preview shows how white text looks on a background with the Hex color 99CFFF.

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](#).

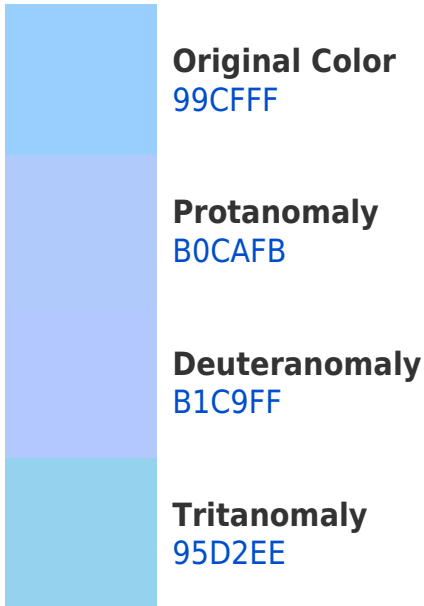
Dichromacy



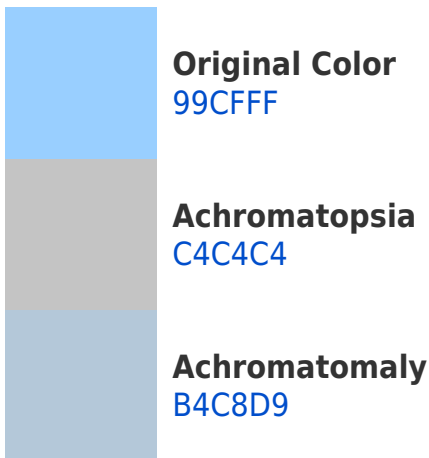


Tritanopia
92D4E5

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #99CFFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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