

Converting Colors

Hex(99CEFF)

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

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Color

Hex(99CEFF)

Conversions

Conversions Part 1

Format	Color
Hex	99CEFF
RGB	153, 206, 255
RGB Percent	60%, 81%, 100%
CMY	0.4000, 0.1922, 0.0000
CMYK	0.40, 0.19, 0.00, 0.00
HSL	209°, 100%, 80%
HSV	209°, 40%, 100%
XYZ	53.2582, 58.1349, 103.0219
YIQ	195.7390, -47.3170, 4.0030

Conversions

Conversions Part 2

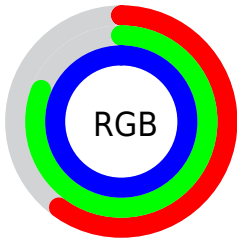
Format	Color
RYB	153, 188, 255
Decimal	10079999
CIELab	80.81, -5.09, -29.42
CIELCh	81, 29.862, 260.186
Yxy	58.1349, 0.2484, 0.2711
Android (android.graphics.Color)	4288270079 (0xFF99CEFF)
YUV	195.7390, 29.2157, -37.4821
Hunter-Lab	76.2463, -8.7483, -26.7387

Details

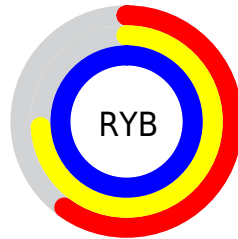
The Hex color **99CEFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFCA99**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **D2FFFF**, and **6198C6** is the 20% darker color. If you saturate the color by 10%, you get **80C2FF**, and if you desaturate by 10%, it is **B3DAFF**.

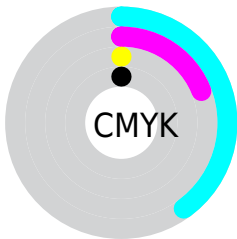
Distribution



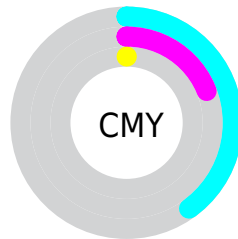
- Red (60%)
- Green (81%)
- Blue (100%)



- 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 99CEFF 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 99CEFF by changing the saturation by 10% instead.

 99CEFF

FFFFFF

 D2FFFF

 F0FFFF

 99CEFF

 7DB3E2

 6198C6

 457EAB

 256590

 004D76

 00375D

 002245

 00092F

 00011A

■ 99CEFF

■ 99CEFF

■ 80C2FF

■ B3DAFF

■ 66B6FF

■ CCE7FF

■ 4DA9FF

■ E6F3FF

■ 339DFF

FFFFFF

■ 1991FF

■ 0085FF

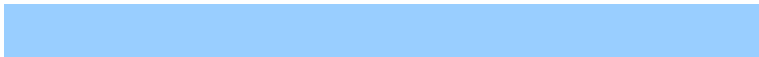
Harmonies

Analogous

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



7BD5F3



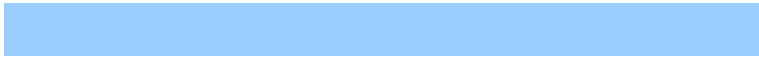
99CEFF



C0C5FD

Triad

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



99CEFF



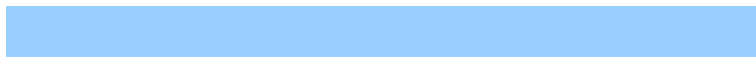
FFB5B7



A9D4A4

Complementary

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



99CEFF



FFCA99

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.



C9CD94



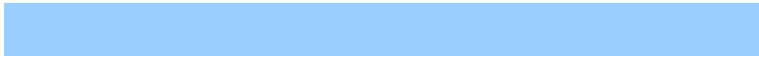
99CEFF



FABB9F

Square

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



99CEFF



FAB5D3



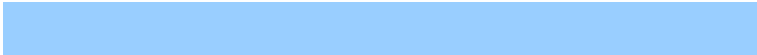
E5C492



8BD8BE

Rectangle

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



99CEFF



D9BEF3



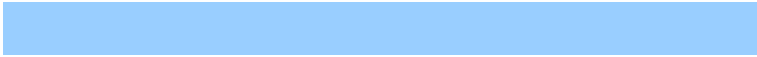
E5C492



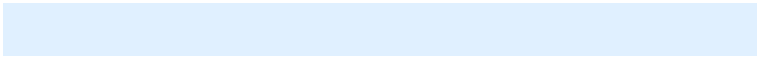
B4D29D

Sweetspot

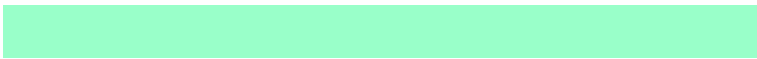
The Sweet Spot groups the original color and five complimentary colors.



99CEFF



E0F0FF



99FFC9



6E7780



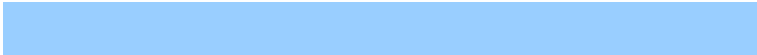
000000



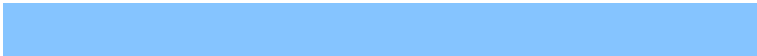
808080

Same Dimension

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



99CEFF



85C4FF



999CFF



737980



0063BF



002140

Inverse Universe

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



FF99CE



FF85C4



FFFC99



807379



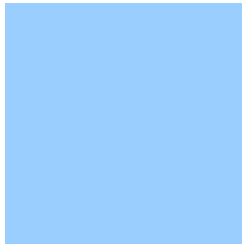
BF0063



400021

Previews

White Background



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

Color Contrast Check

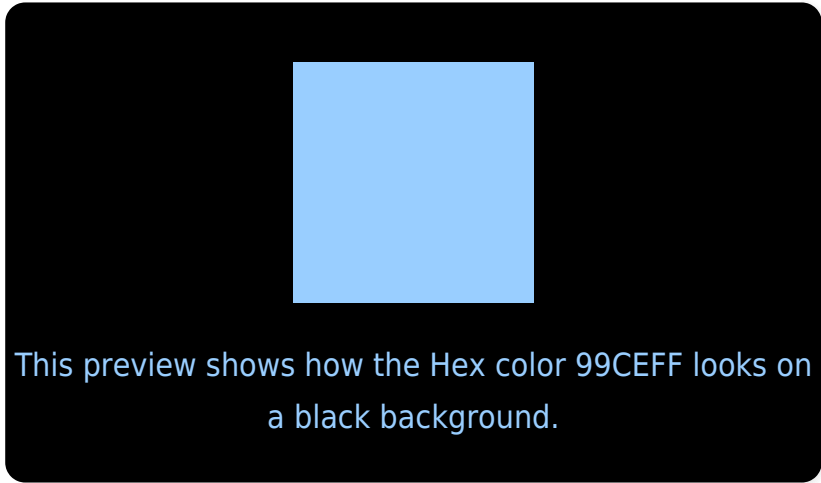
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

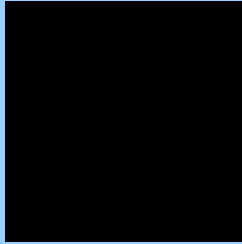
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

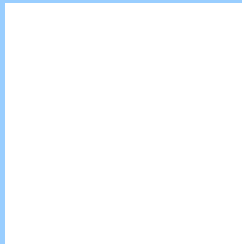
Any Text WCAG AAA ✓ Pass

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

Hex 99CEFF Background



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

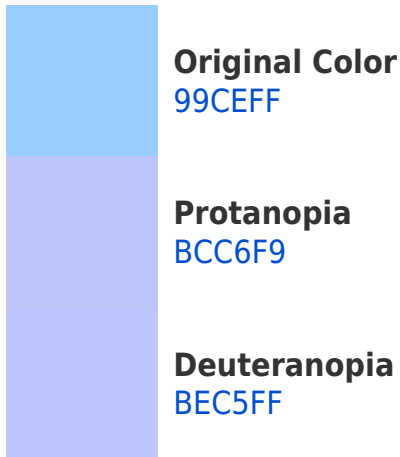


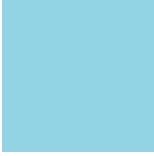
This preview shows how white text looks on a background with the Hex color 99CEFF.

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](#).

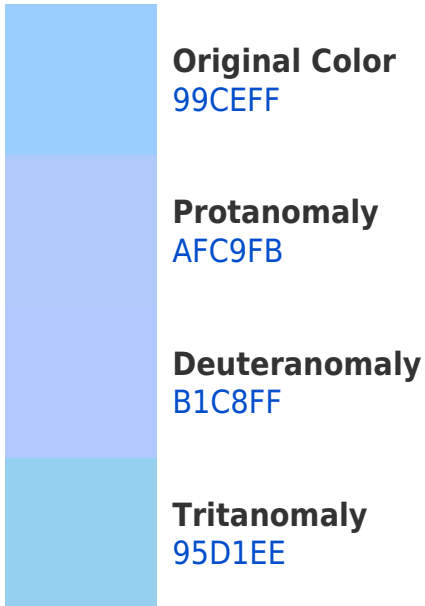
Dichromacy



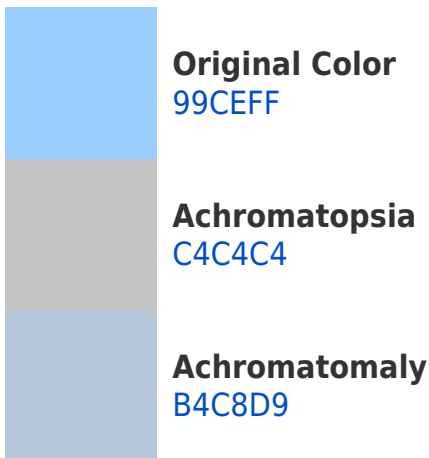


Tritanopia
92D3E4

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #99CEFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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