

Converting Colors

Hex(99EAFF)

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

Hex(99EAFF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(99EAFF)

Conversions

Conversions Part 1

Format	Color
Hex	99EAFF
RGB	153, 234, 255
RGB Percent	60%, 92%, 100%
CMY	0.4000, 0.0824, 0.0000
CMYK	0.40, 0.08, 0.00, 0.00
HSL	192°, 100%, 80%
HSV	192°, 40%, 100%
XYZ	60.6097, 72.8379, 105.4724
YIQ	212.1750, -55.0170, -10.6410

Conversions

Conversions Part 2

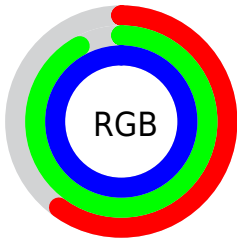
Format	Color
RYB	153, 198, 255
Decimal	10087167
CIELab	88.37, -19.51, -17.94
CIELCh	88, 26.502, 222.606
Yxy	72.8379, 0.2537, 0.3049
Android (android.graphics.Color)	4288277247 (0xFF99E AFF)
YUV	212.1750, 21.1127, -51.8965
Hunter-Lab	85.3451, -22.5884, -13.5310

Details

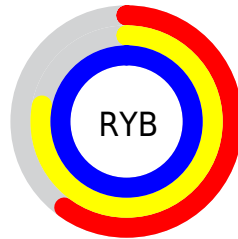
The Hex color **99EAFf** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FFAE99**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **D3FFFF**, and **60B2C6** is the 20% darker color. If you saturate the color by 10%, you get **80E5FF**, and if you desaturate by 10%, it is **B3EFFF**.

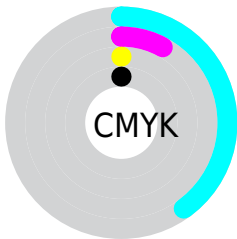
Distribution



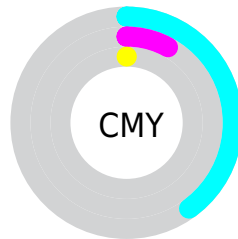
- Red (60%)
- Green (92%)
- Blue (100%)



- Red (60%)
- Yellow (78%)
- Blue (100%)



- Cyan (40%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 99EAFF

FFFFFF

 D3FFFF


 F0FFFF

 99EAFF

 7DCEE2

 60B2C6

 4397AB

 217D90

 006477

 004C5E

 003546

 002030

 00011B

 99EAFF

 99EAFF

 80E5FF

 B3EFFF

 66DFFF

 CCF4FF

 4DDAFF

 E6FAFF

 33D5FF

FFFFFF

 19D0FF

 00CAFF

Harmonies

Analogous

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



9AECE8



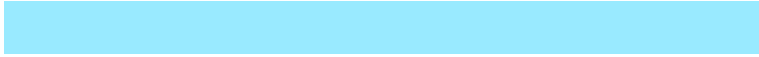
99EAFF



AEE4FF

Triad

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



99EAFF



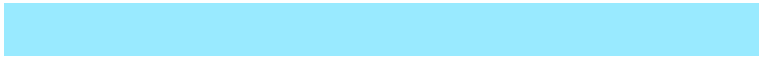
FFCDED



E6E0AC

Complementary

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



99EAFB



FFAE99

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.



FED7AE



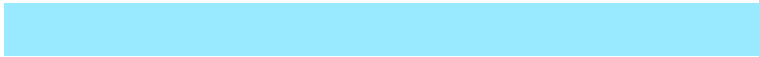
99EAFF



FFCCD4

Square

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



99EAFF



EFD4FF



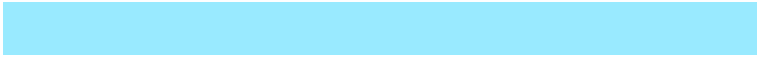
FFD0BD



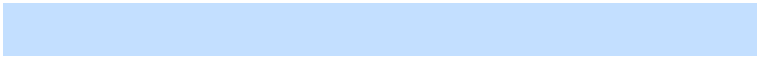
C9E7B8

Rectangle

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



99EAFF



C3DFFF



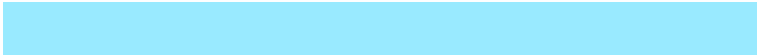
FFD0BD



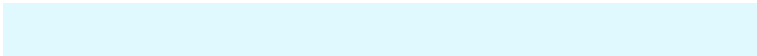
EFDDAB

Sweetspot

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



99E AFF



E0F9FF



99FFAD



6E7C80



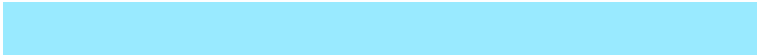
000000



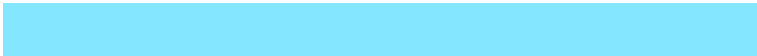
808080

Same Dimension

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



99EAFB



85E6FF



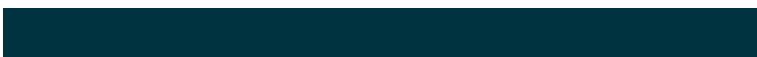
99B8FF



737D80



0098BF



003340

Inverse Universe

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



FF99EA



FF85E6



FFE099



80737D



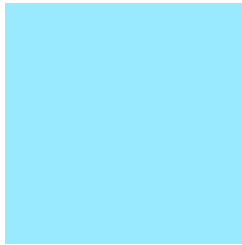
BF0098



400033

Previews

White Background



This preview shows how the Hex color 99EAF7 looks on a white background.

Color Contrast Check

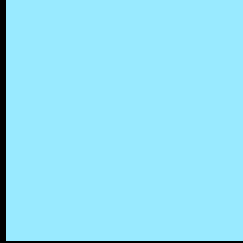
Large Text (above 18pt) WCAG AA × Fail

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 99EAFF 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 99EAFF Background



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

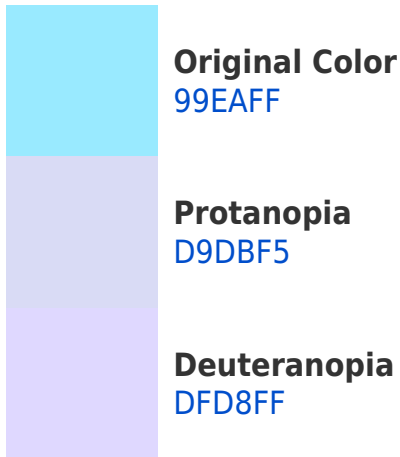


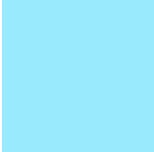
This preview shows how white text looks on a background with the Hex color 99EAFF.

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](#).

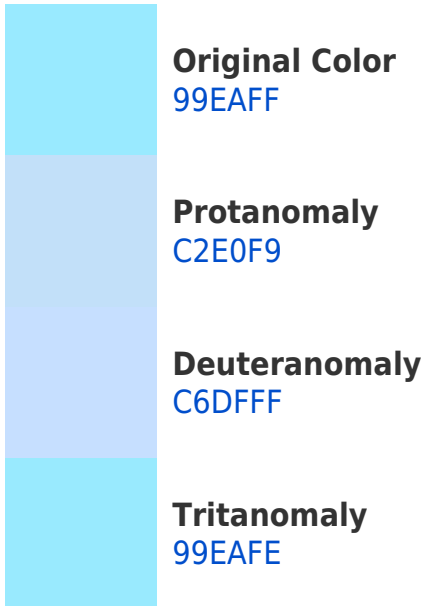
Dichromacy



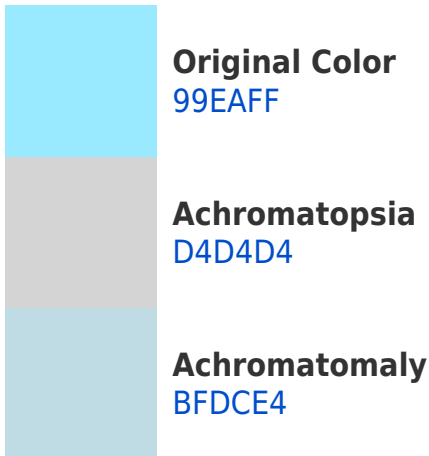


Tritanopia
99EAFD

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #99EAFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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