

Converting Colors

Hex(CA9EFF)

Have a look what the booklet for
Hex(CA9EFF) contains.

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Color

Hex(CA9EFF)

Conversions

Conversions Part 1

Format	Color
Hex	CA9EFF
RGB	202, 158, 255
RGB Percent	79%, 62%, 100%
CMY	0.2078, 0.3804, 0.0000
CMYK	0.21, 0.38, 0.00, 0.00
HSL	267°, 100%, 81%
HSV	267°, 38%, 100%
XYZ	54.6340, 44.2303, 100.2655
YIQ	182.2140, -4.9130, 39.4950

Conversions

Conversions Part 2

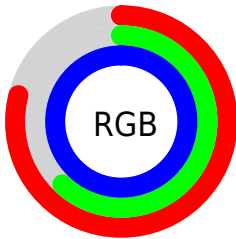
Format	Color
R_{YB}	202, 158, 255
Decimal	13278975
CIE _{Lab}	72.38, 34.77, -42.20
CIE _{LCh}	72, 54.677, 309.492
Yxy	44.2303, 0.2744, 0.2221
Android (android.graphics.Color)	4291469055 (0xFFCA9EFF)
YUV	182.2140, 35.8835, 17.3523
Hunter-Lab	66.5058, 30.2510, -42.8327

Details

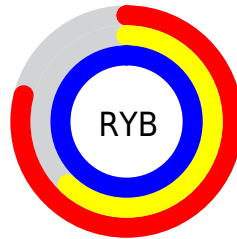
The Hex color **CA9EFF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **D3FF9E**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFD5FF**, and **926AC6** is the 20% darker color. If you saturate the color by 10%, you get **BC84FF**, and if you desaturate by 10%, it is **D8B8FF**.

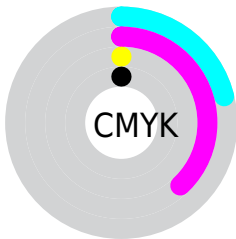
Distribution



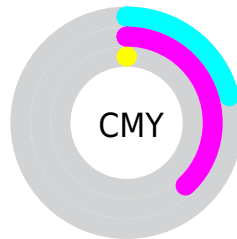
- Red (79%)
- Green (62%)
- Blue (100%)



- Red (79%)
- Yellow (62%)
- Blue (100%)



- Cyan (21%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA9EFF 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 CA9EFF by changing the saturation by 10% instead.

 CA9EFF

 CA9EFF

FFFFFF

 AE84E2

 FFD5FF

 926AC6

 FFF2FF

 7751AA

 5D398F

 432275

 280A5C

 100044

 00022D

 000117

 CA9EFF

 CA9EFF

 BC84FF

 D8B8FF

 AE6BFF

 E6D1FF

 A052FF

 F4EBFF

 9238FF

 FFFFFFFF

 841FFF

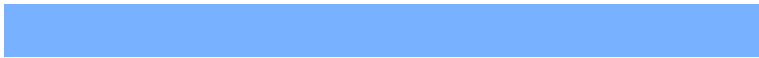
 7605FF

 7400FF

Harmonies

Analogous

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



77B1FF



CA9EFF



FB8CD6

Triad

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



CA9EFF



EBA253



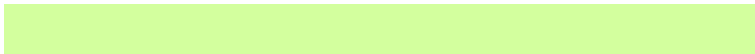
00CBC0

Complementary

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



CA9EFF



D3FF9E

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.



3BC88D



CA9EFF



BFB44A

Square

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



CA9EFF



FF9074



89C161



00C8F0

Rectangle

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



CA9EFF



FF87B4



89C161



00CAAF

Sweetspot

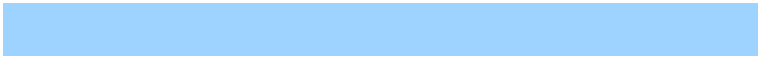
The Sweet Spot groups the original color and five complimentary colors.



CA9EFF



F0E3FF



9ED3FF



766F80



000000



808080

Same Dimension

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



CA9EFF



BF8AFF



FA9EFF



797380



5700BF



1D0040

Inverse Universe

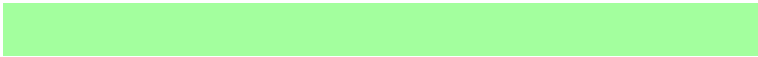
The Inverse Universe completely reimagines the original color for something new.



FF9ED3



FF8ACA



A3FF9E



80737A



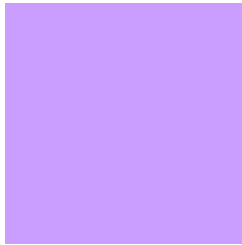
BF0068



400023

Previews

White Background



This preview shows how the Hex color CA9EFF looks on a white background.

Color Contrast Check

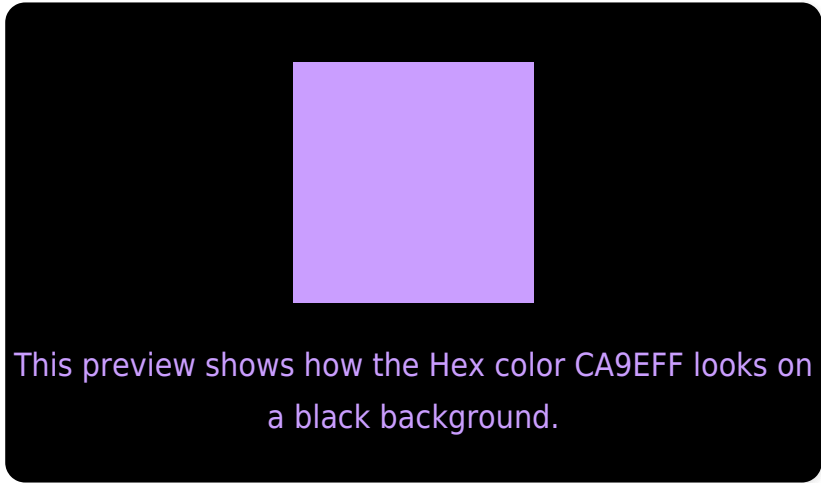
Large Text (above 18pt) WCAG AA × Fail

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 CA9EFF Background



This preview shows how black text looks on a background with the Hex color CA9EFF.

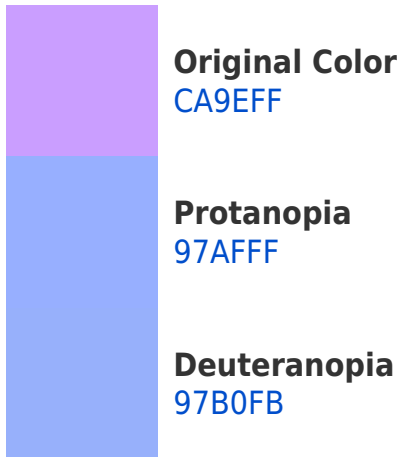


This preview shows how white text looks on a background with the Hex color CA9EFF.

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



Trichromacy



Original Color
CA9EFF



Protanomaly
AAA9FF



Deuteranomaly
AAA9FC



Tritanomaly
C2A7D3

Monochromacy



Original Color
CA9EFF



Achromatopsia
B6B6B6



Achromatomaly
BDADD1

CSS Examples

Text

The CSS property to change the color of the text to Hex CA9EFF 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 #CA9EFF looks like.

```
.text, #text, p{  
    color:#CA9EFF  
}
```

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 #CA9EFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA9EFF  
}
```

Border

The CSS property to change the border of an element to Hex CA9EFF 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  
#CA9EFF }
```

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

```
.border{ border-color:#CA9EFF }
```

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

Here you see how a box with a 4 pixel #CA9EFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA9EFF; -webkit-box-shadow:4px 4px  
4px 4px #CA9EFF; box-shadow:4px 4px 4px  
4px #CA9EFF }
```

Background

The CSS property to change the background color of an element to Hex CA9EFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA9EFF }
```

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

```
.background{ background-color:#CA9EFF }
```

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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