

Converting Colors

Hex(CA8CFF)

Have a look what the booklet for
Hex(CA8CFF) contains.

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Color

Hex(CA8CFF)

Conversions

Conversions Part 1

Format	Color
Hex	CA8CFF
RGB	202, 140, 255
RGB Percent	79%, 55%, 100%
CMY	0.2078, 0.4510, 0.0000
CMYK	0.21, 0.45, 0.00, 0.00
HSL	272°, 100%, 77%
HSV	272°, 45%, 100%
XYZ	51.7852, 38.5327, 99.3159
YIQ	171.6480, 0.0370, 48.9090

Conversions

Conversions Part 2

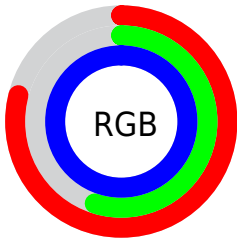
Format	Color
R _{YB}	202, 140, 255
Decimal	13274367
CIE _{Lab}	68.41, 44.53, -48.42
CIE _{LCh}	68, 65.788, 312.602
Yxy	38.5327, 0.2731, 0.2032
Android (android.graphics.Color)	4291464447 (0xFFCA8CFF)
YUV	171.6480, 41.0925, 26.6187
Hunter-Lab	62.0747, 40.2810, -51.4082

Details

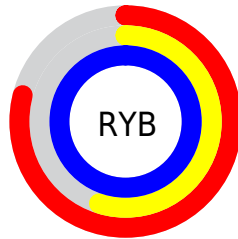
The Hex color **CA8CFF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C1FF8C**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFC3FF**, and **9258C6** is the 20% darker color. If you saturate the color by 10%, you get **BE73FF**, and if you desaturate by 10%, it is **D6A6FF**.

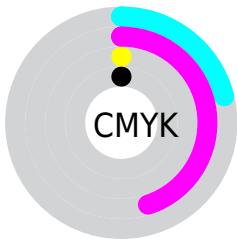
Distribution



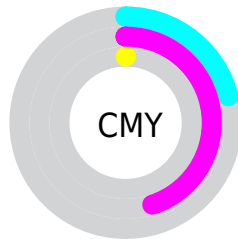
- Red (79%)
- Green (55%)
- Blue (100%)



- Red (79%)
- Yellow (55%)
- Blue (100%)



- Cyan (21%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA8CFF 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 CA8CFF by changing the saturation by 10% instead.

 CA8CFF

 CA8CFF

FFFFFF

 AE72E2

 FFC3FF

 9258C6

 FFDFFF

 763FAA

 FFFCFF

 5B268F

 400B75

 25005C

 0B0044

 00032C

 000116

 CA8CFF

 CA8CFF

 BE73FF

 D6A6FF

 B259FF

 E2BFFF

 A740FF

 EDD9FF

 9B26FF

 F9F2FF

 8F0DFF

FFFFFF

 8900FF

Harmonies

Analogous

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



5FA5FF



CA8CFF



FF74CC

Triad

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



CA8CFF



E2972E



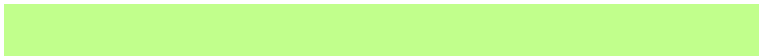
00C3BF

Complementary

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



CA8CFF



C1FF8C

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.



00C181



CA8CFF



AEAC23

Square

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



CA8CFF



FF7F59



6BBA49



00C1F6

Rectangle

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



CA8CFF



FF6EA4



6BBA49



00C3AA

Sweetspot

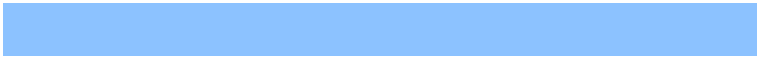
The Sweet Spot groups the original color and five complimentary colors.



CA8CFF



EFDBFF



8CC2FF



766A80



000000



808080

Same Dimension

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



CA8CFF



C075FF



FF8CFB



7A7380



6700BF



220040

Inverse Universe

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



FF8CC1



FF75B5



8CFF90



807379



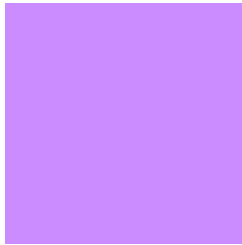
BF0058



40001D

Previews

White Background



This preview shows how the Hex color CA8CFF looks on a white background.

Color Contrast Check

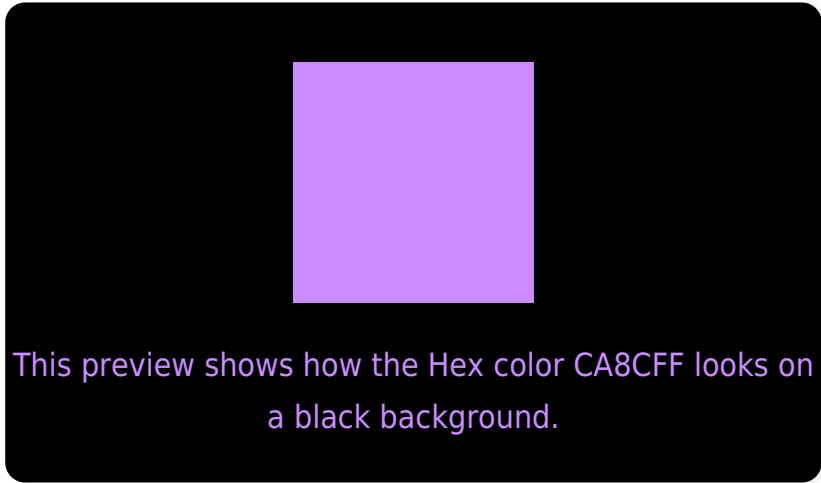
Large Text (above 18pt) WCAG AA × Fail

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

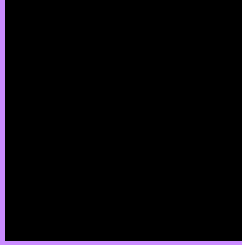
Any Text WCAG AA ✓ Pass

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 CA8CFF Background



This preview shows how black text looks on a background with the Hex color CA8CFF.

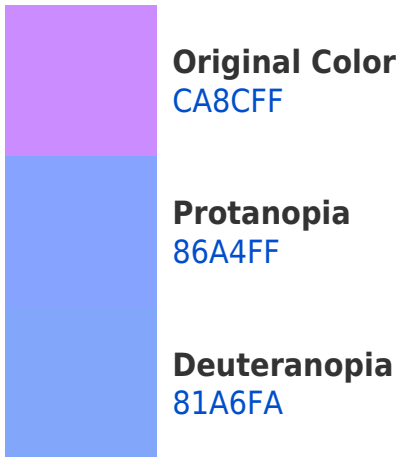


This preview shows how white text looks on a background with the Hex color CA8CFF.

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](#).

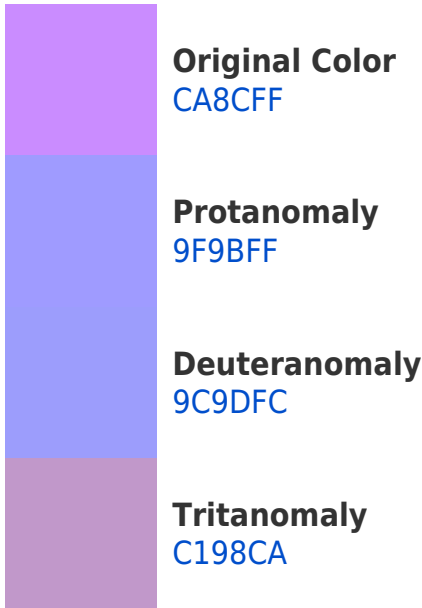
Dichromacy



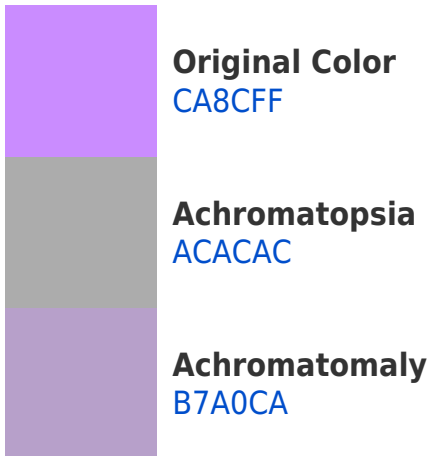


Tritanopia
BC9FAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA8CFF 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 #CA8CFF looks like.

```
.text, #text, p{  
    color:#CA8CFF  
}
```

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 #CA8CFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA8CFF
}
```

Border

The CSS property to change the border of an element to Hex CA8CFF 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
#CA8CFF }
```

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

```
.border{ border-color:#CA8CFF }
```

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

Here you see how a box with a 4 pixel #CA8CFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA8CFF; -webkit-box-shadow:4px 4px  
4px 4px #CA8CFF; box-shadow:4px 4px 4px  
4px #CA8CFF }
```

Background

The CSS property to change the background color of an element to Hex CA8CFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA8CFF }
```

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

```
.background{ background-color:#CA8CFF }
```

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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