

Converting Colors

Hex(CAA7FF)

Have a look what the booklet for
Hex(CAA7FF) contains.

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Color

Hex(CAA7FF)

Conversions

Conversions Part 1

Format	Color
Hex	CAA7FF
RGB	202, 167, 255
RGB Percent	79%, 65%, 100%
CMY	0.2078, 0.3451, 0.0000
CMYK	0.21, 0.35, 0.00, 0.00
HSL	264°, 100%, 83%
HSV	264°, 35%, 100%
XYZ	56.2258, 47.4140, 100.7961
YIQ	187.4970, -7.3880, 34.7880

Conversions

Conversions Part 2

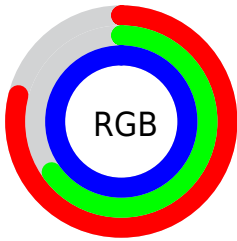
Format	Color
R _Y B	202, 167, 255
Decimal	13281279
CIE Lab	74.45, 29.84, -38.97
CIE LCh	74, 49.080, 307.447
Yxy	47.4140, 0.2750, 0.2319
Android (android.graphics.Color)	4291471359 (0xFFCAA7FF)
YUV	187.4970, 33.2790, 12.7191
Hunter-Lab	68.8578, 25.2530, -38.5900

Details

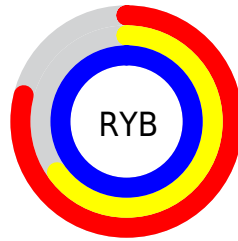
The Hex color **CAA7FF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **DCFFA7**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFDEFF**, and **9273C6** is the 20% darker color. If you saturate the color by 10%, you get **BB8EFF**, and if you desaturate by 10%, it is **D9C1FF**.

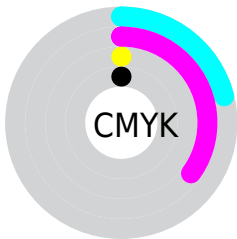
Distribution



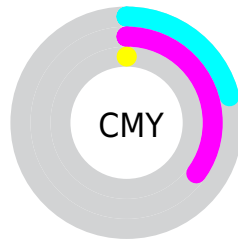
- Red (79%)
- Green (65%)
- Blue (100%)



- Red (79%)
- Yellow (65%)
- Blue (100%)



- Cyan (21%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAA7FF 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 CAA7FF by changing the saturation by 10% instead.

CAA7FF

CAA7FF

FFFFFF

AE8CE2

FFDEFF

9273C6

FFFBFF

785AAA

5D4290

442B76

2A155C

100044

00002D

000118

CAA7FF

CAA7FF

BB8EFF

D9C1FF

AB74FF

E9DAFF

9C5BFF

F8F4FF

8D41FF

FFFFFF

7D28FF

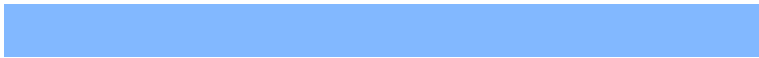
6E0EFF

6500FF

Harmonies

Analogous

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



82B8FF



CAA7FF



F898DB

Triad

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



CAA7FF



EFA864



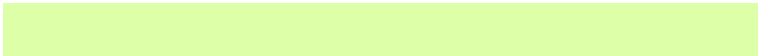
00CFC1

Complementary

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



CAA7FF



DCFFA7

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.



5BCC93



CAA7FF



C8B85B

Square

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



CAA7FF



FF9983



98C46D



00CED1

Rectangle

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



CAA7FF



FF92BD



98C46D



01CEB2

Sweetspot

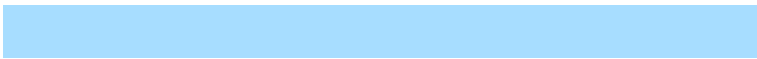
The Sweet Spot groups the original color and five complimentary colors.



CAA7FF



F0E6FF



A7DDFF



767080



000000



808080

Same Dimension

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



CAA7FF



C096FF



F5A7FF



787380



4C00BF



190040

Inverse Universe

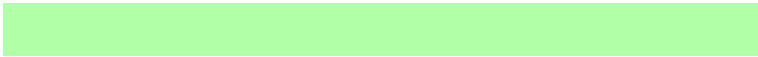
The Inverse Universe completely reimagines the original color for something new.



FFA7DC



FF96D5



B1FFA7



80737A



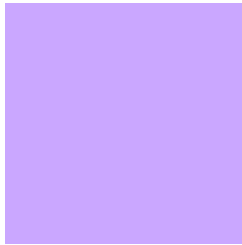
BF0073



400026

Previews

White Background



This preview shows how the Hex color CAA7FF looks on a white background.

Color Contrast Check

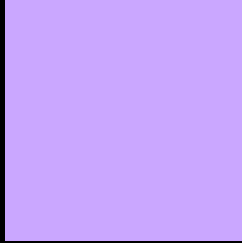
Large Text (above 18pt) WCAG AA × Fail

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 CAA7FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

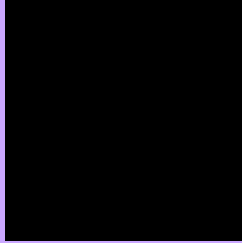
Any Text WCAG AA ✓ Pass

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 CAA7FF Background



This preview shows how black text looks on a background with the Hex color CAA7FF.

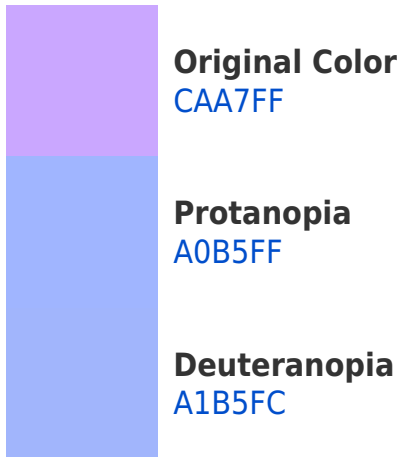


This preview shows how white text looks on a background with the Hex color CAA7FF.

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](#).

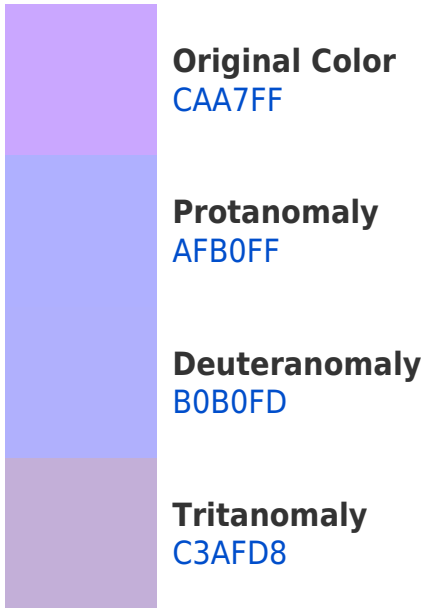
Dichromacy



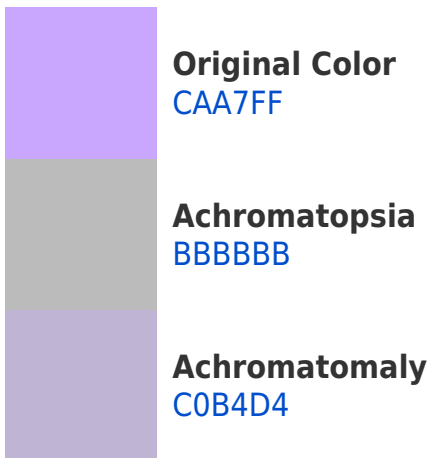


Tritanopia
BFB3C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CAA7FF 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 #CAA7FF looks like.

```
.text, #text, p{  
    color:#CAA7FF  
}
```

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 #CAA7FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAA7FF  
}
```

Border

The CSS property to change the border of an element to Hex CAA7FF 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  
#CAA7FF }
```

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

```
.border{ border-color:#CAA7FF }
```

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

Here you see how a box with a 4 pixel #CAA7FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAA7FF; -webkit-box-shadow:4px 4px  
4px 4px #CAA7FF; box-shadow:4px 4px 4px  
4px #CAA7FF }
```

Background

The CSS property to change the background color of an element to Hex CAA7FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAA7FF }
```

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

```
.background{ background-color:#CAA7FF }
```

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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