

# Converting Colors

Hex(C8AAFF)

Have a look what the booklet for  
Hex(C8AAFF) contains.

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# **Color**

**Hex(C8AAFF)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | C8AAFF                     |
| RGB         | 200, 170, 255              |
| RGB Percent | 78%, 67%, 100%             |
| CMY         | 0.2157, 0.3333, 0.0000     |
| CMYK        | 0.22, 0.33, 0.00, 0.00     |
| HSL         | 261°, 100%, 83%            |
| HSV         | 261°, 33%, 100%            |
| XYZ         | 56.2441, 48.2488, 100.9563 |
| YIQ         | 188.6600, -9.4050, 32.7950 |

# Conversions

## Conversions Part 2

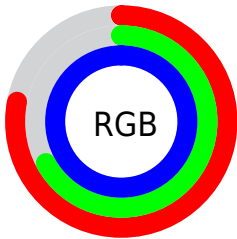
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 200, 170, 255                 |
| Decimal                             | 13150975                      |
| CIE Lab                             | 74.98, 27.61, -38.16          |
| CIE LCh                             | 75, 47.102, 305.890           |
| Yxy                                 | 48.2488, 0.2738,<br>0.2348    |
| Android<br>(android.graphics.Color) | 4291341055<br>(0xFFC8AAFF)    |
| YUV                                 | 188.6600, 32.7056,<br>9.9452  |
| Hunter-Lab                          | 69.4614, 22.9773,<br>-37.5501 |

# Details

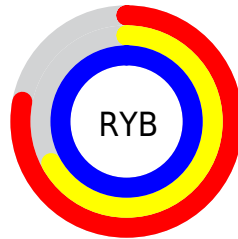
The Hex color **C8AAFF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **E1FFAA**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFE1FF**, and **9176C6** is the 20% darker color. If you saturate the color by 10%, you get **B791FF**, and if you desaturate by 10%, it is **D8C3FF**.

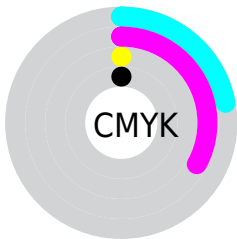
# Distribution



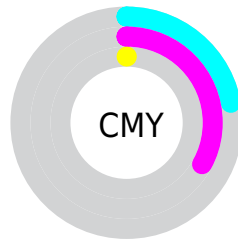
- Red (78%)
- Green (67%)
- Blue (100%)



- Red (78%)
- Yellow (67%)
- Blue (100%)



- Cyan (22%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (33%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C8AAFF 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 C8AAFF by changing the saturation by 10% instead.



 C8AAFF

 C8AAFF

FFFFFF

 AC8FE2

 FFE1FF

 9176C6

FFFEFF

 765DAA

 5C4590

 422E76

 29185D

 0D0245

 00002E

 000118

 C8AAFF

 C8AAFF

 B791FF

 D8C3FF

 A777FF

 E9DDFF

 965EFF

 FAF7FF

 8644FF

 FFFFFFFF

 752AFF

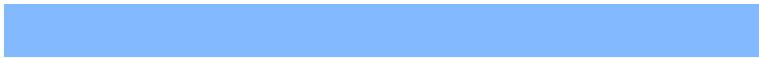
 6511FF

 5A00FF

# Harmonies

## Analogous

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



83BAFF



C8AAFF



F69BDD

# Triad

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



C8AAFF



F0AA6A



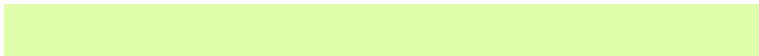
00CFC0

# Complementary

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



C8AAFF



E1FFAA

# 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.



65CC94



C8AAFF



CBB960

# Square

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



C8AAFF



FF9C88



9DC570



00CDEA

# Rectangle

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



C8AAFF



FF96C0



9DC570



2DCFB1



# Sweetspot

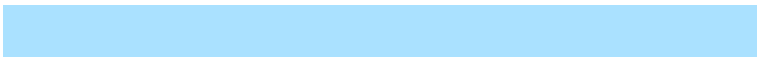
The Sweet Spot groups the original color and five complimentary colors.



C8AAFF



EEE6FF



AAE1FF



767080



000000



808080



# Same Dimension

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



C8AAFF



BD99FF



F2AAFF



777380



4300BF



160040



# Inverse Universe

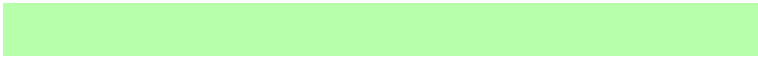
The Inverse Universe completely reimagines the original color for something new.



FFAAE1



FF99DB



B7FFAA



80737B



BF007C

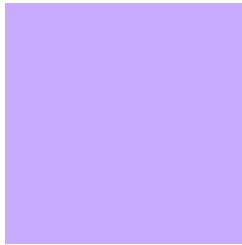


400029



# Previews

## White Background



This preview shows how the Hex color C8AAFF looks on a white background.

## Color Contrast Check

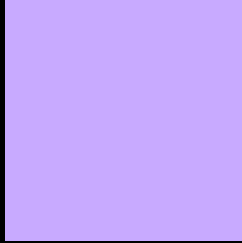
Large Text (above 18pt) WCAG AA × Fail

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 C8AAFF 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 C8AAFF Background



This preview shows how black text looks on a background with the Hex color C8AAFF.

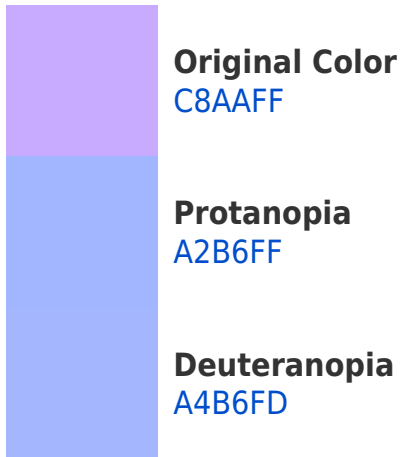


This preview shows how white text looks on a background with the Hex color C8AAFF.

# 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](#).

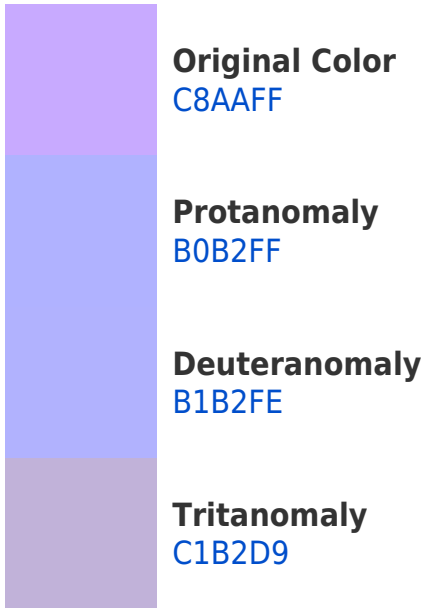
## Dichromacy



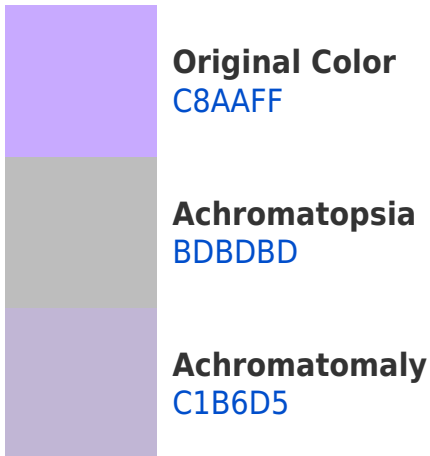


**Tritanopia**  
BDB6C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C8AAFF 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 #C8AAFF looks like.

```
.text, #text, p{  
    color:#C8AAFF  
}
```

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 #C8AAFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8AAFF
}
```

## Border

The CSS property to change the border of an element to Hex C8AAFF 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
#C8AAFF }
```

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

```
.border{ border-color:#C8AAFF }
```

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

Here you see how a box with a 4 pixel #C8AAFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8AAFF; -webkit-box-shadow:4px 4px  
4px 4px #C8AAFF; box-shadow:4px 4px 4px  
4px #C8AAFF }
```

# Background

The CSS property to change the background color of an element to Hex C8AAFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8AAFF }
```

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

```
.background{ background-color:#C8AAFF }
```

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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