

# Converting Colors

Hex(C899FF)

Have a look what the booklet for  
Hex(C899FF) contains.

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# **Color**

**Hex(C899FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C899FF
RGB	200, 153, 255
RGB Percent	78%, 60%, 100%
CMY	0.2157, 0.4000, 0.0000
CMYK	0.22, 0.40, 0.00, 0.00
HSL	268°, 100%, 80%
HSV	268°, 40%, 100%
XYZ	53.2607, 42.2818, 99.9618
YIQ	178.6810, -4.7300, 41.6860

# Conversions

## Conversions Part 2

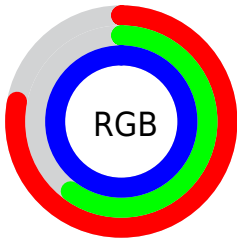
Format	Color
R <sub>Y</sub> B	200, 153, 255
Decimal	13146623
CIE Lab	71.06, 36.94, -44.27
CIE LCh	71, 57.656, 309.841
Yxy	42.2818, 0.2724, 0.2163
Android (android.graphics.Color)	4291336703 (0xFFC899FF)
YUV	178.6810, 37.6253, 18.6968
Hunter-Lab	65.0245, 32.4140, -45.6291

# Details

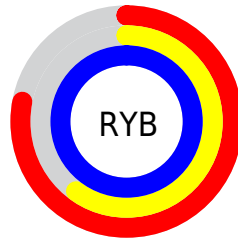
The Hex color **C899FF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **D0FF99**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFD0FF**, and **9065C6** is the 20% darker color. If you saturate the color by 10%, you get **BA80FF**, and if you desaturate by 10%, it is **D6B3FF**.

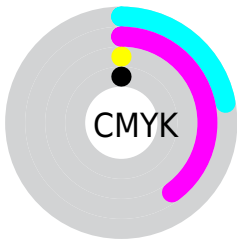
# Distribution



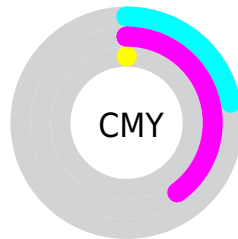
- Red (78%)
- Green (60%)
- Blue (100%)



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



- Cyan (22%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (40%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C899FF 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 C899FF by changing the saturation by 10% instead.



 C899FF

 C899FF

FFFFFF

 AC7FE2

 FFD0FF

 9065C6

 FFECFF

 754CAA

 5A348F

 401D75

 25055C

 0E0044

 00032D

 000117

 C899FF

 C899FF

 BA80FF


 D6B3FF

 AC66FF

 E3CCFF

 9F4DFF

 F1E6FF

 9133FF

FFFFFF

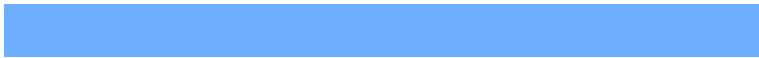
 8319FF

 7500FF

# Harmonies

## Analogous

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



6EAEFF



C899FF



FB86D3

# Triad

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



C899FF



E89E49



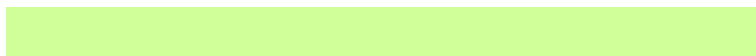
00C8BE

# Complementary

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



C899FF



D0FF99

# 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.



22C688



C899FF



BBB140

# Square

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



C899FF



FF8B6D



82BE59



00C6F0

# Rectangle

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



C899FF



FF80B0



82BE59



00C8AC



# Sweetspot

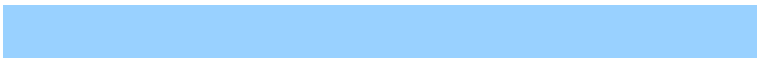
The Sweet Spot groups the original color and five complimentary colors.



C899FF



EEE0FF



99D1FF



766E80



000000



808080



# Same Dimension

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



C899FF



BD85FF



FA99FF



797380



5800BF



1D0040



# Inverse Universe

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



FF99D0



FF85C7



9EFF99



80737A



BF0067

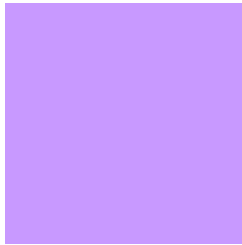


400022



# Previews

## White Background



This preview shows how the Hex color C899FF 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

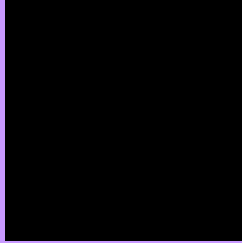
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C899FF Background



This preview shows how black text looks on a background with the Hex color C899FF.



This preview shows how white text looks on a background with the Hex color C899FF.

# 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](#).

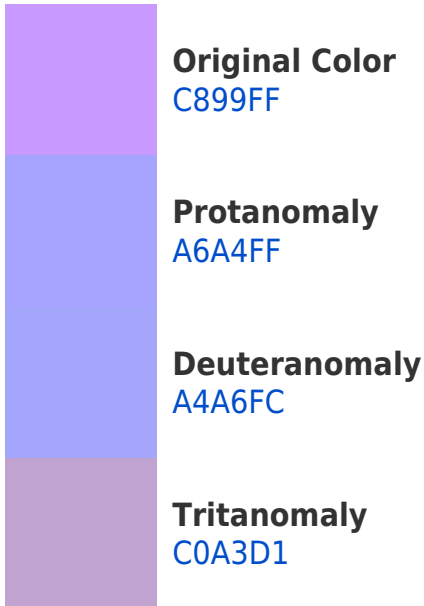
## Dichromacy



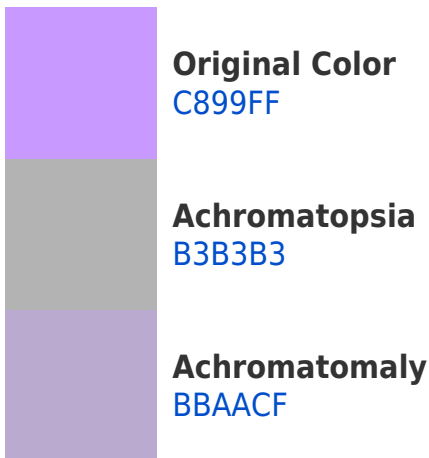


**Tritanopia**  
BBA9B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C899FF 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 #C899FF looks like.

```
.text, #text, p{  
    color:#C899FF  
}
```

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 #C899FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C899FF  
}
```

## Border

The CSS property to change the border of an element to Hex C899FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

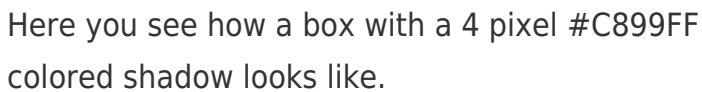
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#C899FF }
```

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

```
.border{ border-color:#C899FF }
```

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



Here you see how a box with a 4 pixel `#C899FF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C899FF; -webkit-box-shadow:4px 4px  
4px 4px #C899FF; box-shadow:4px 4px 4px  
4px #C899FF }
```

# Background

The CSS property to change the background color of an element to Hex C899FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C899FF }
```

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

```
.background{ background-color:#C899FF }
```

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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