

# Converting Colors

Hex(B99CFF)

Have a look what the booklet for  
Hex(B99CFF) contains.

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# **Color**

**Hex(B99CFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B99CFF
RGB	185, 156, 255
RGB Percent	73%, 61%, 100%
CMY	0.2745, 0.3882, 0.0000
CMYK	0.27, 0.39, 0.00, 0.00
HSL	258°, 100%, 81%
HSV	258°, 39%, 100%
XYZ	49.9461, 41.3112, 99.9492
YIQ	175.9570, -14.4950, 36.9370

# Conversions

## Conversions Part 2

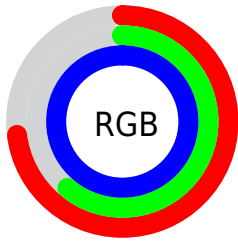
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	185, 156, 255
Decimal	12164351
CIE Lab	70.39, 31.10, -45.42
CIE LCh	70, 55.044, 304.398
Yxy	41.3112, 0.2612, 0.2161
Android (android.graphics.Color)	4290354431 (0xFFB99CFF)
YUV	175.9570, 38.9682, 7.9307
Hunter-Lab	64.2738, 26.2301, -47.2074

# Details

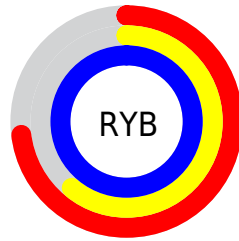
The Hex color **B99CFF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **E2FF9C**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **F3D3FF**, and **8168C6** is the 20% darker color. If you saturate the color by 10%, you get **A783FF**, and if you desaturate by 10%, it is **CBB6FF**.

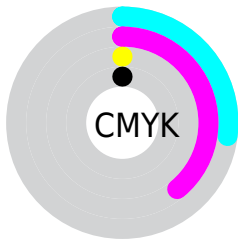
# Distribution



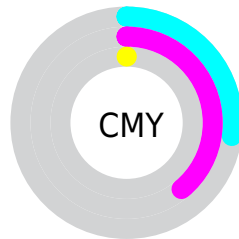
- Red (73%)
- Green (61%)
- Blue (100%)



- Red (73%)
- Yellow (61%)
- Blue (100%)



- Cyan (27%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (39%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B99CFF 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 B99CFF by changing the saturation by 10% instead.




 B99CFF

 B99CFF

FFFFFF

 9D82E2

 F3D3FF

 8168C6

 FFEFFF

 6650AA

 4C398F

 312275

 110D5C

 000044

 00032D

 000117

 B99CFF

 B99CFF

 A783FF


 CBB6FF

 9569FF

 DDCFFF

 8350FF

 EFE9FF

 7136FF

FFFFFF

 5F1DFF

 4D03FF

 4B00FF

# Harmonies

## Analogous

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



5CAFFF



B99CFF



F089D8

# Triad

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



B99CFF



EB9A51



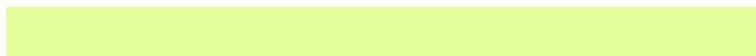
00C5B2

# Complementary

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



B99CFF



E2FF9C

# 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.



45C27F



B99CFF



C2AC43

# Square

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



B99CFF



FF8876



8EBA56



00C4E3

# Rectangle

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



B99CFF



FF82B8



8EBA56



00C5A1



# Sweetspot

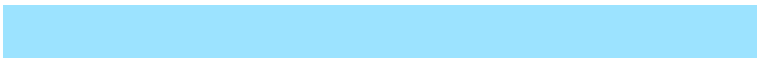
The Sweet Spot groups the original color and five complimentary colors.



B99CFF



E9E0FF



9CE3FF



736E80



000000



808080



# Same Dimension

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



B99CFF



AA87FF



EA9CFF



767380



3800BF



130040



# Inverse Universe

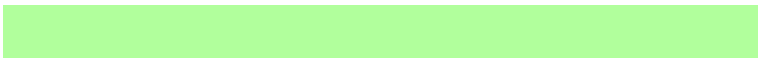
The Inverse Universe completely reimagines the original color for something new.



FF9CE2



FF87DC



B1FF9C



80737C



BF0087

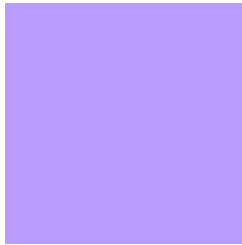


40002D



# Previews

## White Background



This preview shows how the Hex color B99CFF looks on a white background.

## Color Contrast Check

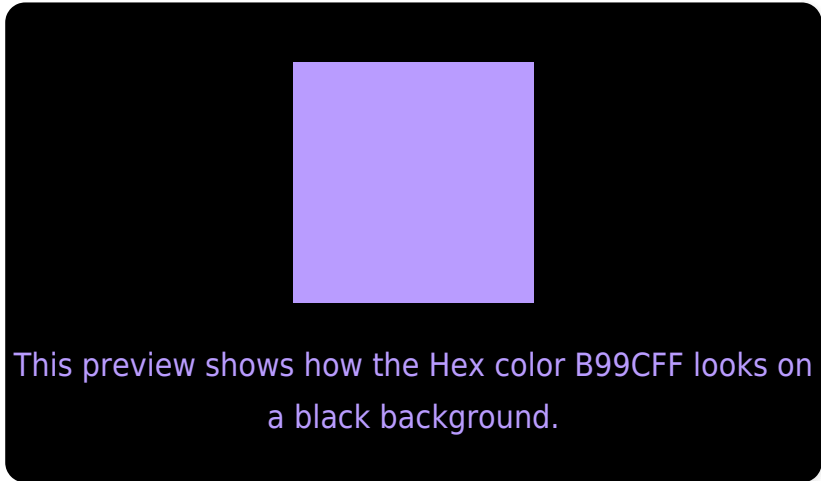
Large Text (above 18pt) WCAG AA × Fail

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

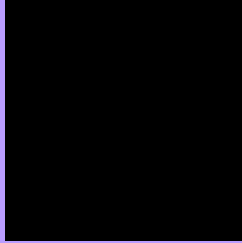
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B99CFF Background



This preview shows how black text looks on a background with the Hex color B99CFF.



This preview shows how white text looks on a background with the Hex color B99CFF.

# Color Blindness Simulation

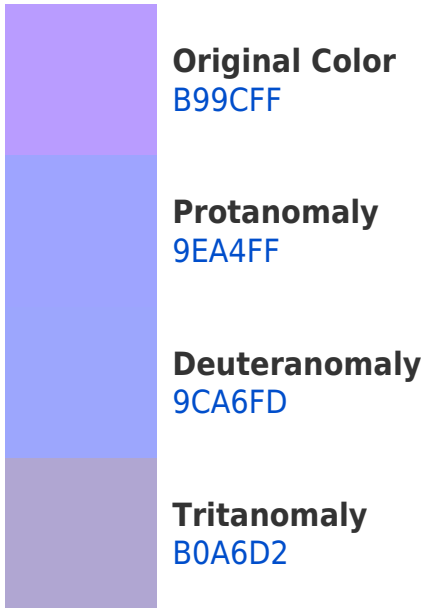
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

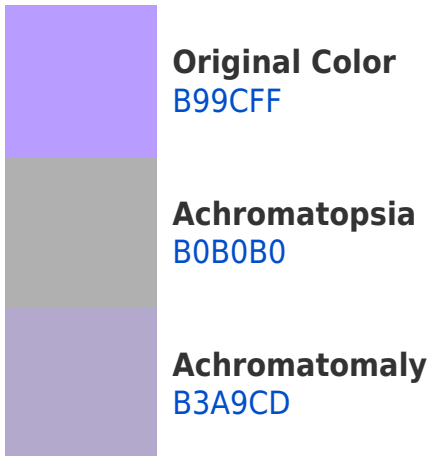




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B99CFF 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 #B99CFF looks like.

```
.text, #text, p{  
    color:#B99CFF  
}
```

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 #B99CFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B99CFF
}
```

## Border

The CSS property to change the border of an element to Hex B99CFF is called "border". The border property can be set on classes, ids or directly on the HTML element.

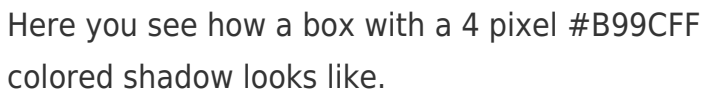
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B99CFF }
```

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

```
.border{ border-color:#B99CFF }
```

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



Here you see how a box with a 4 pixel #B99CFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B99CFF; -webkit-box-shadow:4px 4px  
4px 4px #B99CFF; box-shadow:4px 4px 4px  
4px #B99CFF }
```

# Background

The CSS property to change the background color of an element to Hex B99CFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B99CFF }
```

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

```
.background{ background-color:#B99CFF }
```

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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