

# Converting Colors

Hex(BC8FF9)

Have a look what the booklet for  
Hex(BC8FF9) contains.

<b>Hex(BC8FF9)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(**BC8FF9**)

# Conversions

## Conversions Part 1

Format	Color
Hex	BC8FF9
RGB	188, 143, 249
RGB Percent	74%, 56%, 98%
CMY	0.2627, 0.4392, 0.0235
CMYK	0.24, 0.43, 0.00, 0.02
HSL	265°, 90%, 77%
HSV	265°, 43%, 98%
XYZ	47.6604, 37.1758, 94.2862
YIQ	168.5390, -7.2060, 42.5060

# Conversions

## Conversions Part 2

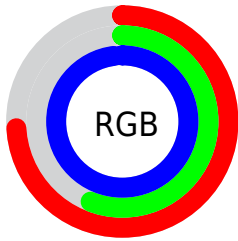
Format	Color
R <sub>Y</sub> B	188, 143, 249
Decimal	12357625
CIE <sub>Lab</sub>	67.41, 37.71, -46.82
CIE <sub>LCh</sub>	67, 60.120, 308.848
Y <sub>xy</sub>	37.1758, 0.2661, 0.2075
Android (android.graphics.Color)	4290547705 (0xFFBC8FF9)
YUV	168.5390, 39.6673, 17.0673
Hunter-Lab	60.9720, 32.8283, -49.0048

# Details

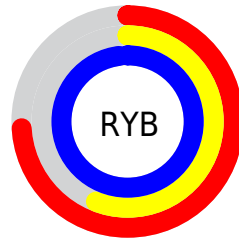
The Hex color **BC8FF9** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **CCF98F**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **F6C5FF**, and **845CC0** is the 20% darker color. If you saturate the color by 10%, you get **AE76F9**, and if you desaturate by 10%, it is **CAA8F9**.

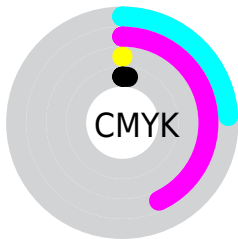
# Distribution



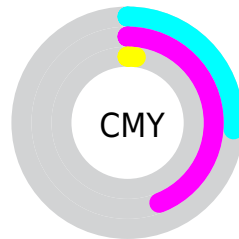
- Red (74%)
- Green (56%)
- Blue (98%)



- Red (74%)
- Yellow (56%)
- Blue (98%)



- Cyan (24%)
- Magenta (43%)
- Yellow (0%)
- Black (2%)



- Cyan (26%)
- Magenta (44%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC8FF9 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 BC8FF9 by changing the saturation by 10% instead.



 BC8FF9

 BC8FF9

FFFFFF

 A075DC

 F6C5FF

 845CC0

 FFE2FF

 6943A5

 4F2C8A

 341470

 160057

 00003F

 000328

 000111

 BC8FF9

 BC8FF9

 AE76F9

 CAA8F9

 9F5DF9

 D9C1F9

 9144F9

 E7DAF9

 832BF9

 F5F3F9

 7412F9

 FFFFF9

 6A00F9

# Harmonies

## Analogous

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



57A5FF



BC8FF9



F27ACC

# Triad

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



BC8FF9



E0933C



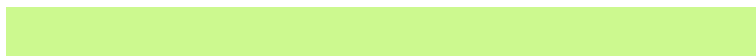
00BFB3

# Complementary

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



BC8FF9



CCF98F

# 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.



00BC7B



BC8FF9



B2A72F

# Square

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



BC8FF9



FF7E63



78B44B



00BCE7

# Rectangle

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



BC8FF9



FF73A9



78B44B



00BEA0



# Sweetspot

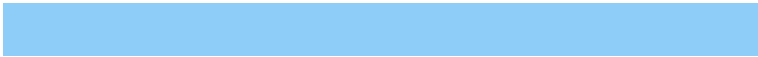
The Sweet Spot groups the original color and five complimentary colors.



BC8FF9



ECDEFF



8FCDF9



746B80



000000



808080



# Same Dimension

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



BC8FF9



B47DFF



F08FF9



76707D



5000BD



1A003D



# Inverse Universe

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



F98FCC



FF7DC8



98F98F



7D7078



BD006D

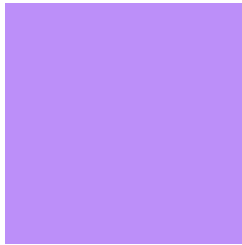


3D0023



# Previews

## White Background



This preview shows how the Hex color BC8FF9 looks on a white background.

## Color Contrast Check

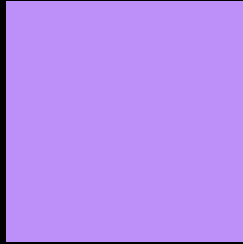
Large Text (above 18pt) WCAG AA × Fail

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 BC8FF9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

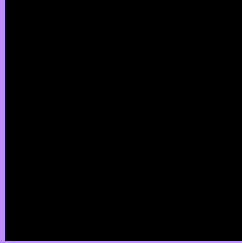
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BC8FF9 Background



This preview shows how black text looks on a background with the Hex color BC8FF9.

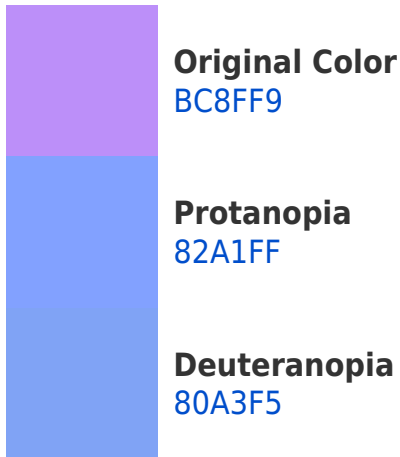


This preview shows how white text looks on a background with the Hex color BC8FF9.

# Color Blindness Simulation

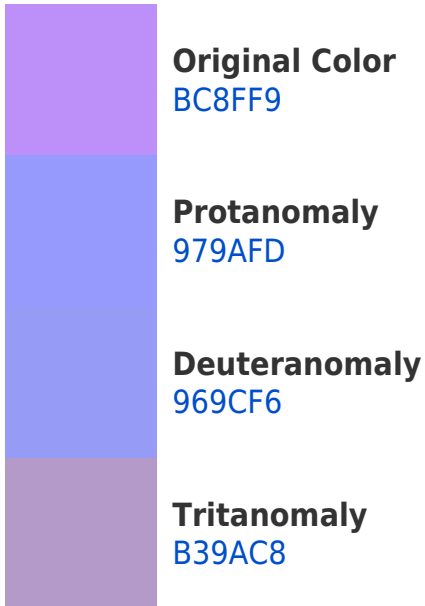
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

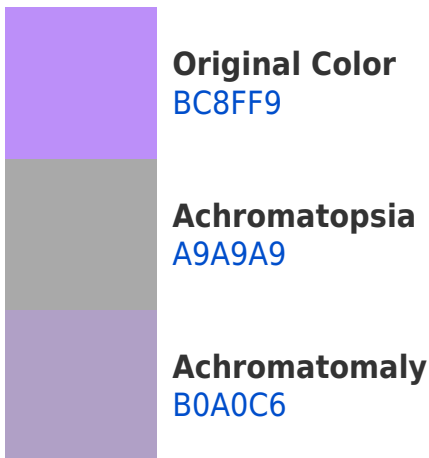




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC8FF9 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 #BC8FF9 looks like.

```
.text, #text, p{  
    color:#BC8FF9  
}
```

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 #BC8FF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC8FF9
}
```

## Border

The CSS property to change the border of an element to Hex BC8FF9 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
#BC8FF9 }
```

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

```
.border{ border-color:#BC8FF9 }
```

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

Here you see how a box with a 4 pixel #BC8FF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC8FF9; -webkit-box-shadow:4px 4px  
4px 4px #BC8FF9; box-shadow:4px 4px 4px  
4px #BC8FF9 }
```

# Background

The CSS property to change the background color of an element to Hex BC8FF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC8FF9 }
```

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

```
.background{ background-color:#BC8FF9 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor