

# Converting Colors

Hex(B987FF)

Have a look what the booklet for  
Hex(B987FF) contains.

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# Color

Hex(B987FF)

# Conversions

## Conversions Part 1

Format	Color
Hex	B987FF
RGB	185, 135, 255
RGB Percent	73%, 53%, 100%
CMY	0.2745, 0.4706, 0.0000
CMYK	0.27, 0.47, 0.00, 0.00
HSL	265°, 100%, 76%
HSV	265°, 47%, 100%
XYZ	46.7216, 34.8622, 98.8743
YIQ	163.6300, -8.7200, 47.9200

# Conversions

## Conversions Part 2

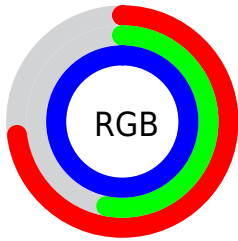
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">185, 135, 255</a>
Decimal	<a href="#">12158975</a>
CIELab	<a href="#">65.64, 42.70, -52.91</a>
CIELCh	<a href="#">66, 67.995, 308.905</a>
Yxy	<a href="#">34.8622, 0.2589, 0.1932</a>
Android (android.graphics.Color)	<a href="#">4290349055 (0xFFB987FF)</a>
YUV	<a href="#">163.6300, 45.0454, 18.7415</a>
Hunter-Lab	<a href="#">59.0442, 37.9191, -57.9549</a>

# Details

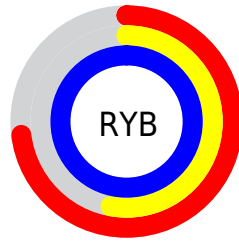
The Hex color **B987FF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **CDFF87**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **F3BDFF**, and **8154C6** is the 20% darker color. If you saturate the color by 10%, you get **AA6EFF**, and if you desaturate by 10%, it is **C8A1FF**.

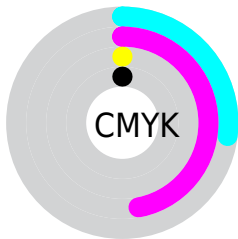
# Distribution



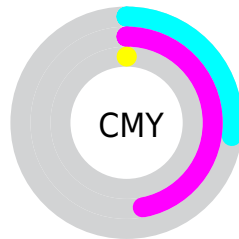
- Red (73%)
- Green (53%)
- Blue (100%)



- Red (73%)
- Yellow (53%)
- Blue (100%)



- Cyan (27%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (47%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B987FF 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 B987FF by changing the saturation by 10% instead.




 B987FF

 B987FF

FFFFFF

 9D6DE2

 F3BDFF

 8154C6

 FFD9FF

 653BAA

 FFF6FF

 4A238F

 2D0975

 08005B

 000043

 00032C


 000116

 B987FF

 B987FF

 AA6EFF

 C8A1FF

 9B54FF

 D7BAFF

 8C3AFF

 E6D4FF

 7E21FF

 F5EDFF

 6F08FF

FFFFFF

 6A00FF

# Harmonies

## Analogous

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



2EA1FF



B987FF



F66DCD

# Triad

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



B987FF



E08C24



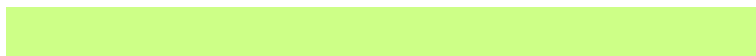
00BCB0

# Complementary

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



B987FF



CDFF87

# 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.



00B971



B987FF



ADA20A

# Square

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



B987FF



FF7356



6BB138



00BAEB

# Rectangle

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



B987FF



FF63A4



6BB138



00BC9B



# Sweetspot

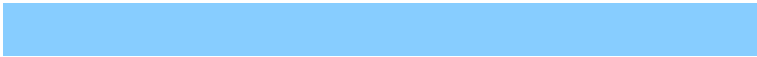
The Sweet Spot groups the original color and five complimentary colors.



B987FF



EADBFF



87CDFF



736A80



000000



808080



# Same Dimension

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



B987FF



AC70FF



F587FF



787380



5000BF



1B0040



# Inverse Universe

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



FF87CD



FF70C3



91FF87



80737A



BF0070

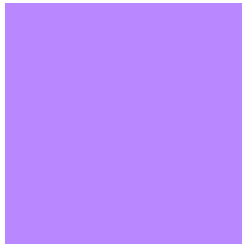


400025



# Previews

## White Background



This preview shows how the Hex color B987FF looks on a white background.

## Color Contrast Check

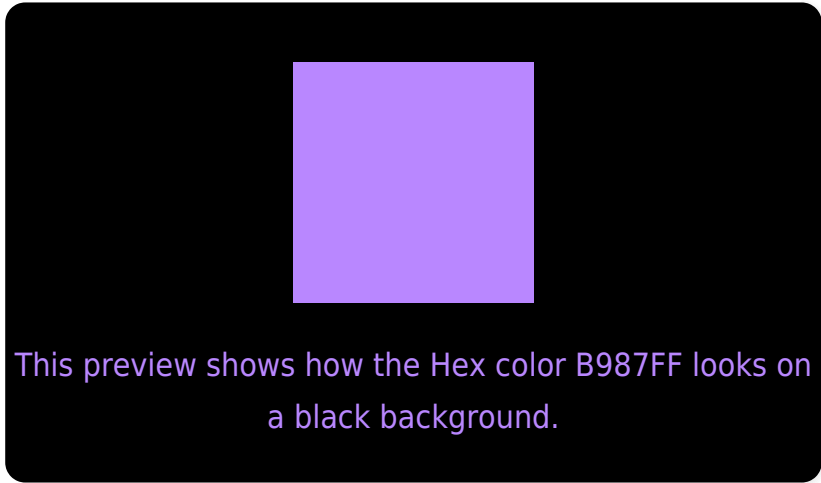
Large Text (above 18pt) WCAG AA × Fail

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 B987FF Background



This preview shows how black text looks on a background with the Hex color B987FF.

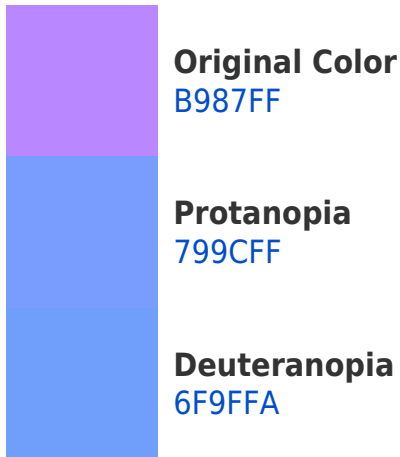



This preview shows how white text looks on a background with the Hex color B987FF.

# 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](#).

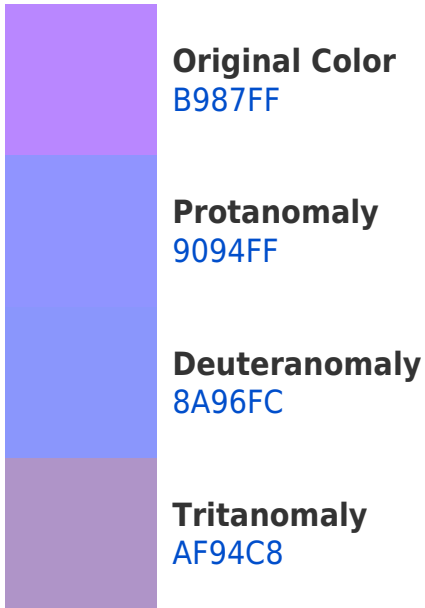
## Dichromacy



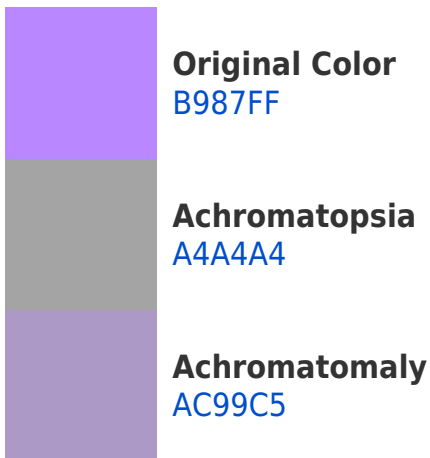


**Tritanopia**  
A99BA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B987FF 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 #B987FF looks like.

```
.text, #text, p{  
    color:#B987FF  
}
```

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 #B987FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B987FF
}
```

## Border

The CSS property to change the border of an element to Hex B987FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

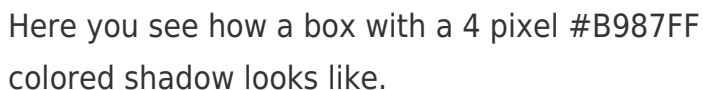
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B987FF }
```

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

```
.border{ border-color:#B987FF }
```

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



Here you see how a box with a 4 pixel #B987FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B987FF; -webkit-box-shadow:4px 4px  
4px 4px #B987FF; box-shadow:4px 4px 4px  
4px #B987FF }
```

# Background

The CSS property to change the background color of an element to Hex B987FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B987FF }
```

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

```
.background{ background-color:#B987FF }
```

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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