

Converting Colors

Hex(BB99FF)

Have a look what the booklet for
Hex(BB99FF) contains.

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Color

Hex(BB99FF)

Conversions

Conversions Part 1

Format	Color
Hex	BB99FF
RGB	187, 153, 255
RGB Percent	73%, 60%, 100%
CMY	0.2667, 0.4000, 0.0000
CMYK	0.27, 0.40, 0.00, 0.00
HSL	260°, 100%, 80%
HSV	260°, 40%, 100%
XYZ	49.9347, 40.5673, 99.8062
YIQ	174.7940, -12.4780, 38.9300

Conversions

Conversions Part 2

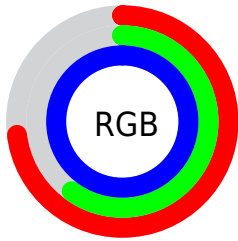
Format	Color
R _Y B	187, 153, 255
Decimal	12294655
CIE Lab	69.87, 33.32, -46.23
CIE LCh	70, 56.980, 305.780
Yxy	40.5673, 0.2624, 0.2132
Android (android.graphics.Color)	4290484735 (0xFFBB99FF)
YUV	174.7940, 39.5416, 10.7047
Hunter-Lab	63.6924, 28.4819, -48.3228

Details

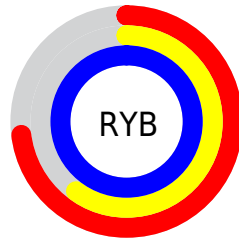
The Hex color **BB99FF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **DDFF99**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **F5D0FF**, and **8365C6** is the 20% darker color. If you saturate the color by 10%, you get **AA80FF**, and if you desaturate by 10%, it is **CCB3FF**.

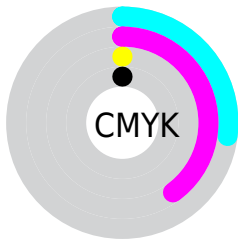
Distribution



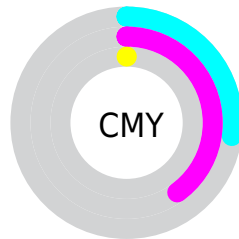
- Red (73%)
- Green (60%)
- Blue (100%)



- Red (73%)
- Yellow (60%)
- Blue (100%)



- Cyan (27%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB99FF 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 BB99FF by changing the saturation by 10% instead.

 BB99FF

 BB99FF

FFFFFF

 9F7FE2

 F5D0FF

 8365C6

 FFECFF

 684DAA

 4E368F

 321F75

 14095C

 000044

 00032D

 000117

 BB99FF

 BB99FF

 AA80FF

 CCB3FF

 9966FF

 DDCCFF

 884DFF

 EEE6FF

 7733FF

FFFFFF

 6619FF

 5500FF

Harmonies

Analogous

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



5AADFF



BB99FF



F285D6

Triad

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



BB99FF



E9994B



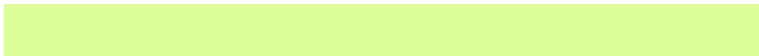
00C4B4

Complementary

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



BB99FF



DFF999

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.



37C17E



BB99FF



BEAB3E

Square

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



BB99FF



FF8671



88B952



00C3E6

Rectangle

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



BB99FF



FF7EB4



88B952



00C4A1

Sweetspot

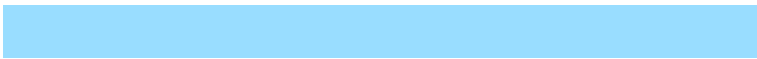
The Sweet Spot groups the original color and five complimentary colors.



BB99FF



EBE0FF



99DDFF



746E80



000000



808080

Same Dimension

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



BB99FF



AD85FF



EE99FF



777380



4000BF



150040

Inverse Universe

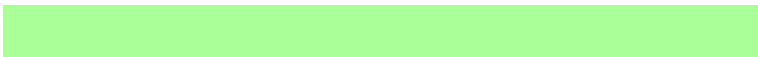
The Inverse Universe completely reimagines the original color for something new.



FF99DD



FF85D6



AAFF99



80737B



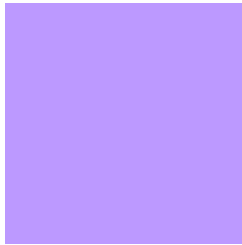
BF007F



40002A

Previews

White Background



This preview shows how the Hex color BB99FF looks on a white background.

Color Contrast Check

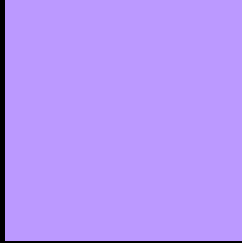
Large Text (above 18pt) WCAG AA × Fail

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 BB99FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

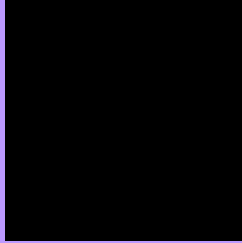
Any Text WCAG AA ✓ Pass

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 BB99FF Background



This preview shows how black text looks on a background with the Hex color BB99FF.



This preview shows how white text looks on a background with the Hex color BB99FF.

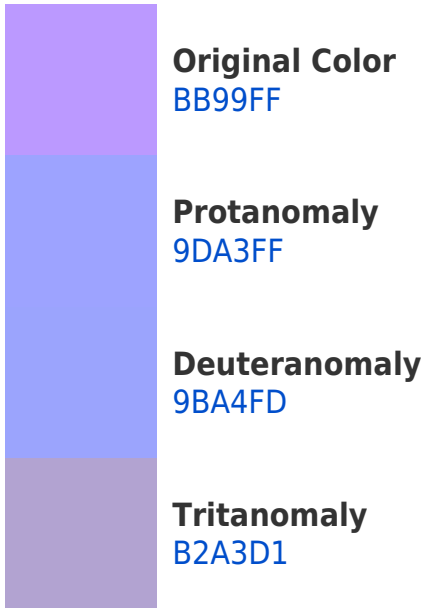
Color Blindness Simulation

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](#).

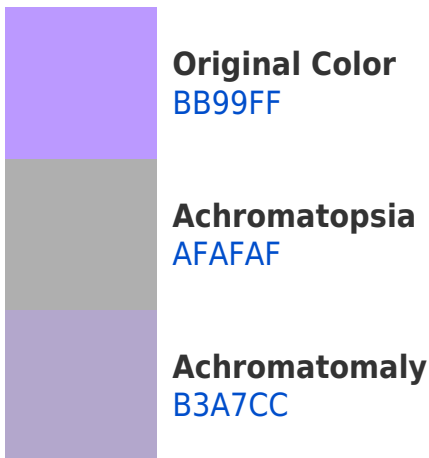
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BB99FF 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 #BB99FF looks like.

```
.text, #text, p{  
    color:#BB99FF  
}
```

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 #BB99FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB99FF  
}
```

Border

The CSS property to change the border of an element to Hex BB99FF 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  
#BB99FF }
```

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

```
.border{ border-color:#BB99FF }
```

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

Here you see how a box with a 4 pixel #BB99FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB99FF; -webkit-box-shadow:4px 4px  
4px 4px #BB99FF; box-shadow:4px 4px 4px  
4px #BB99FF }
```

Background

The CSS property to change the background color of an element to Hex BB99FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB99FF }
```

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

```
.background{ background-color:#BB99FF }
```

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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