

Converting Colors

Hex(B099FF)

Have a look what the booklet for
Hex(B099FF) contains.

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Color

Hex(B099FF)

Conversions

Conversions Part 1

Format	Color
Hex	B099FF
RGB	176, 153, 255
RGB Percent	69%, 60%, 100%
CMY	0.3098, 0.4000, 0.0000
CMYK	0.31, 0.40, 0.00, 0.00
HSL	254°, 100%, 80%
HSV	254°, 40%, 100%
XYZ	47.3457, 39.2326, 99.6850
YIQ	171.5050, -19.0340, 36.5980

Conversions

Conversions Part 2

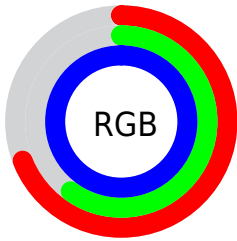
Format	Color
R_{YB}	176, 153, 255
Decimal	11573759
CIE _{Lab}	68.92, 30.32, -47.79
CIE _{LCh}	69, 56.597, 302.396
Yxy	39.2326, 0.2542, 0.2106
Android (android.graphics.Color)	4289763839 (0xFFB099FF)
YUV	171.5050, 41.1630, 3.9421
Hunter-Lab	62.6359, 25.3132, -50.5148

Details

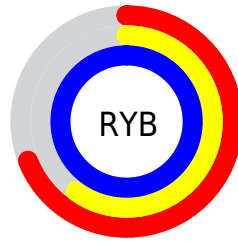
The Hex color **B099FF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E8FF99**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **EAD0FF**, and **7866C6** is the 20% darker color. If you saturate the color by 10%, you get **9C80FF**, and if you desaturate by 10%, it is **C4B3FF**.

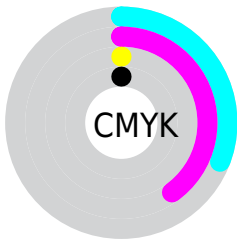
Distribution



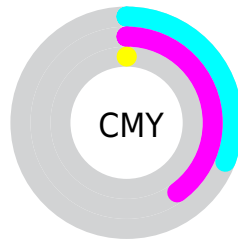
- Red (69%)
- Green (60%)
- Blue (100%)



- Red (69%)
- Yellow (60%)
- Blue (100%)



- Cyan (31%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B099FF 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 B099FF by changing the saturation by 10% instead.

 B099FF

 B099FF

FFFFFF

 947FE2

 EAD0FF

 7866C6

 FFECFF

 5D4DAA

 42368F


 252075

 000C5C

 000044

 00032C

 000117

 B099FF

 B099FF

 9C80FF


 C4B3FF

 8966FF

 D8CCFF

 754DFF

 EBE6FF

 6133FF

FFFFFF

 4D19FF

 3A00FF

Harmonies

Analogous

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



46ACFF



B099FF



EA85D9

Triad

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



B099FF



EA944D



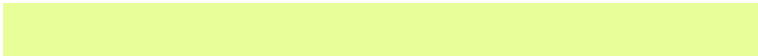
00C1AB

Complementary

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



B099FF



E8FF99

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.



43BE77



B099FF



C1A73C

Square

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



B099FF



FF8274



8CB54D



00C0DE

Rectangle

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



B099FF



FF7CB7



8CB54D



00C199

Sweetspot

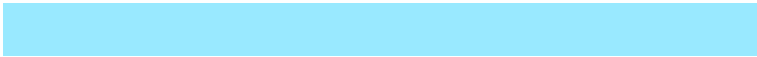
The Sweet Spot groups the original color and five complimentary colors.



B099FF



E7E0FF



99E9FF



726E80



000000



808080

Same Dimension

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



B099FF



A085FF



E299FF



767380



2B00BF



0E0040

Inverse Universe

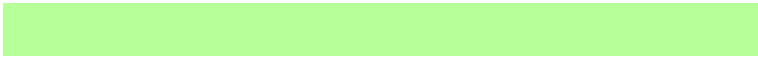
The Inverse Universe completely reimagines the original color for something new.



FF99E8



FF85E3



B6FF99



80737D



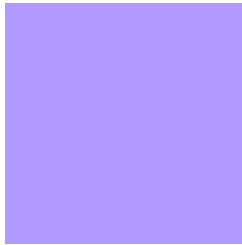
BF0094



400031

Previews

White Background



This preview shows how the Hex color B099FF looks on a white background.

Color Contrast Check

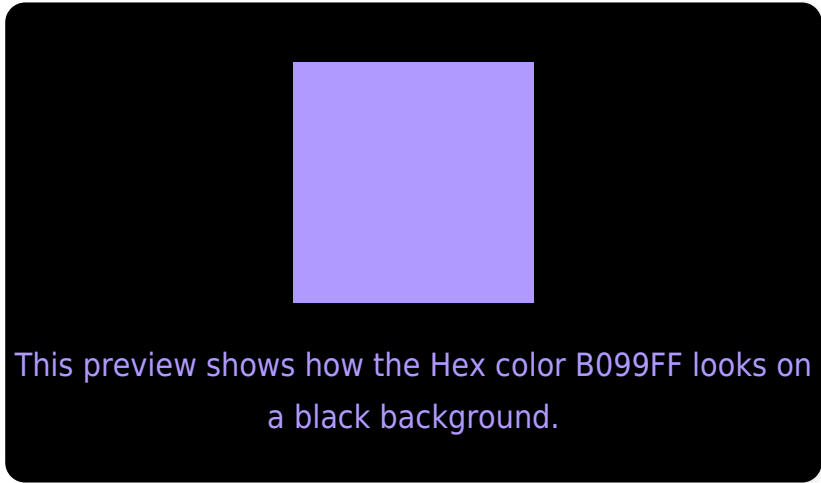
Large Text (above 18pt) WCAG AA × Fail

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 B099FF Background



This preview shows how black text looks on a background with the Hex color B099FF.

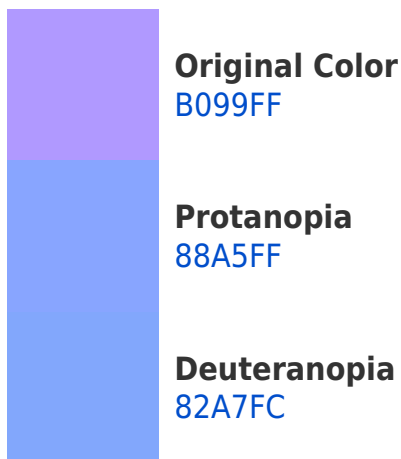


This preview shows how white text looks on a background with the Hex color B099FF.

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](#).

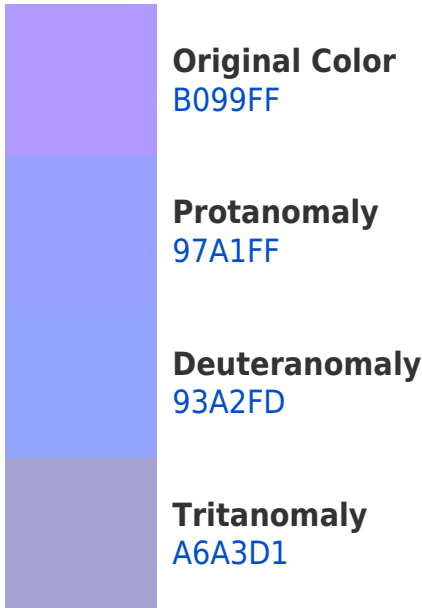
Dichromacy



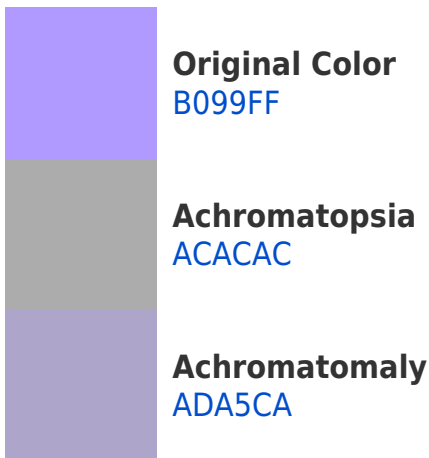


Tritanopia
A1A9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B099FF 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 #B099FF looks like.

```
.text, #text, p{  
    color:#B099FF  
}
```

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 #B099FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B099FF
}
```

Border

The CSS property to change the border of an element to Hex B099FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

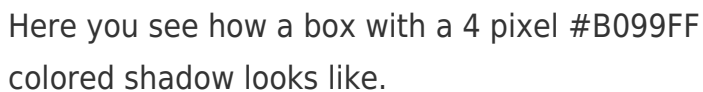
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B099FF }
```

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

```
.border{ border-color:#B099FF }
```

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



Here you see how a box with a 4 pixel #B099FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B099FF; -webkit-box-shadow:4px 4px  
4px 4px #B099FF; box-shadow:4px 4px 4px  
4px #B099FF }
```

Background

The CSS property to change the background color of an element to Hex B099FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B099FF }
```

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

```
.background{ background-color:#B099FF }
```

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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