

Converting Colors

Hex(BD8FF6)

Have a look what the booklet for
Hex(BD8FF6) contains.

Hex(BD8FF6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(BD8FF6)

Conversions

Conversions Part 1

Format	Color
Hex	BD8FF6
RGB	189, 143, 246
RGB Percent	74%, 56%, 96%
CMY	0.2588, 0.4392, 0.0353
CMYK	0.23, 0.42, 0.00, 0.04
HSL	267°, 85%, 76%
HSV	267°, 42%, 96%
XYZ	47.4433, 37.1176, 91.8526
YIQ	168.4960, -5.6470, 41.7850

Conversions

Conversions Part 2

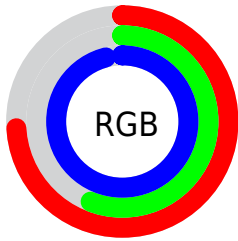
Format	Color
RYB	189, 143, 246
Decimal	12423158
CIELab	67.37, 37.29, -45.24
CIElCh	67, 58.633, 309.499
Yxy	37.1176, 0.2689, 0.2104
Android (android.graphics.Color)	4290613238 (0xFFBD8FF6)
YUV	168.4960, 38.2095, 17.9820
Hunter-Lab	60.9242, 32.3854, -46.7419

Details

The Hex color **BD8FF6** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C8F68F**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **F7C5FF**, and **855CBD** is the 20% darker color. If you saturate the color by 10%, you get **AF76F6**, and if you desaturate by 10%, it is **CBA8F6**.

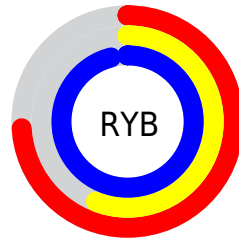
Distribution



Red (74%)

Green (56%)

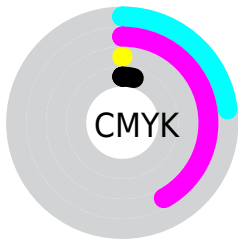
Blue (96%)



Red (74%)

Yellow (56%)

Blue (96%)

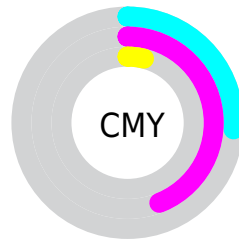


Cyan (23%)

Magenta (42%)

Yellow (0%)

Black (4%)



Cyan (26%)

Magenta (44%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD8FF6 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 BD8FF6 by changing the saturation by 10% instead.

 BD8FF6

 BD8FF6

FFFFFF

 A175D9

 F7C5FF

 855CBD

 FFE2FF

 6A43A2

 502C87

 35146D

 190054

 00003D

 000226

 00010F

 BD8FF6

 BD8FF6

 AF76F6

 CBA8F6

 A25EF6

 D8C0F6

 9445F6

 E6D9F6

 872DF6

 F3F1F6

 7914F6

 FFFFF6

 6E00F6

Harmonies

Analogous

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



5EA4FF



BD8FF6



F17BCA

Triad

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



BD8FF6



DE943E



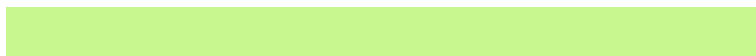
00BEB4

Complementary

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



BD8FF6



C8F68F

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.



00BB7D



BD8FF6



B1A733

Square

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



BD8FF6



FD8063



78B44E



00BCE6

Rectangle

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



BD8FF6



FF74A7



78B44E



00BEA1

Sweetspot

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



BD8FF6



EDDEFF



8FC9F6



746B80



000000



808080

Same Dimension

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



BD8FF6



B880FF



EF8FF6



746E7A



5300BA



1A003B

Inverse Universe

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



F68FC8



FF80C6



96F68F



7A6E75



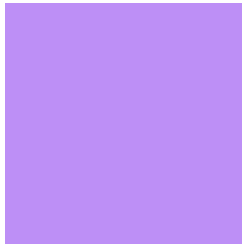
BA0067



3B0020

Previews

White Background



This preview shows how the Hex color BD8FF6 looks on a white background.

Color Contrast Check

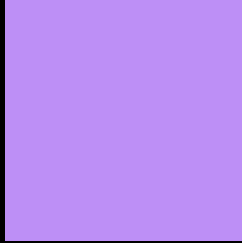
Large Text (above 18pt) WCAG AA × Fail

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 BD8FF6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

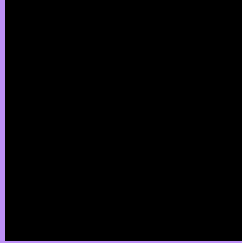
Any Text WCAG AA ✓ Pass

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 BD8FF6 Background



This preview shows how black text looks on a background with the Hex color BD8FF6.

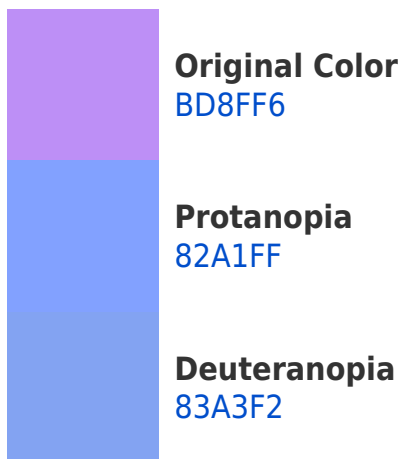


This preview shows how white text looks on a background with the Hex color BD8FF6.

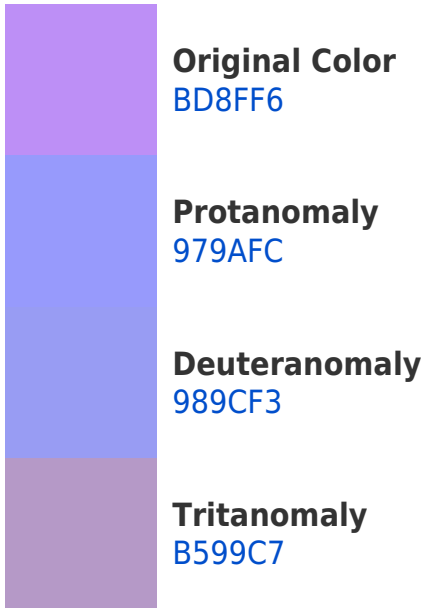
Color Blindness Simulation

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](#).

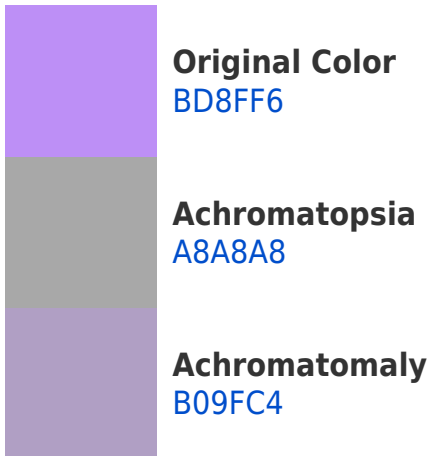
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BD8FF6 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 #BD8FF6 looks like.

```
.text, #text, p{  
    color:#BD8FF6  
}
```

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 #BD8FF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD8FF6
}
```

Border

The CSS property to change the border of an element to Hex BD8FF6 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".

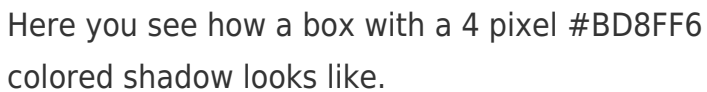
```
.border, #border, table{ border:4px solid
#BD8FF6 }
```

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

```
.border{ border-color:#BD8FF6 }
```

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

Here you see how a box with a 4 pixel #BD8FF6 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is open, and a purple shadow is cast to the right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD8FF6; -webkit-box-shadow:4px 4px  
4px 4px #BD8FF6; box-shadow:4px 4px 4px  
4px #BD8FF6 }
```

Background

The CSS property to change the background color of an element to Hex BD8FF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD8FF6 }
```

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

```
.background{ background-color:#BD8FF6 }
```

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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