

# Converting Colors

Hex(B38DFF)

Have a look what the booklet for  
Hex(B38DFF) contains.

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# **Color**

**Hex(B38DFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B38DFF
RGB	179, 141, 255
RGB Percent	70%, 55%, 100%
CMY	0.2980, 0.4471, 0.0000
CMYK	0.30, 0.45, 0.00, 0.00
HSL	260°, 100%, 78%
HSV	260°, 45%, 100%
XYZ	46.1653, 35.8535, 99.0950
YIQ	165.3580, -13.9460, 43.5100

# Conversions

## Conversions Part 2

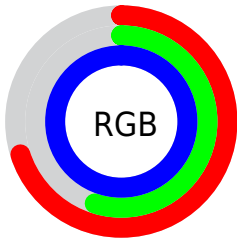
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	179, 141, 255
Decimal	11767295
CIE <sub>Lab</sub>	66.41, 37.83, -51.74
CIE <sub>LCh</sub>	66, 64.089, 306.173
Yxy	35.8535, 0.2549, 0.1980
Android (android.graphics.Color)	4289957375 (0xFFB38DFF)
YUV	165.3580, 44.1935, 11.9640
Hunter-Lab	59.8778, 32.8360, -56.2078

# Details

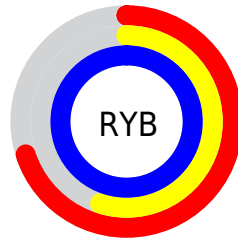
The Hex color **B38DFF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **D9FF8D**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **EDC3FF**, and **7B5AC6** is the 20% darker color. If you saturate the color by 10%, you get **A274FF**, and if you desaturate by 10%, it is **C4A7FF**.

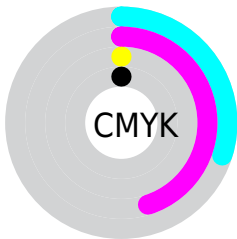
# Distribution



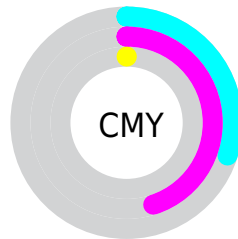
- Red (70%)
- Green (55%)
- Blue (100%)



- Red (70%)
- Yellow (55%)
- Blue (100%)



- Cyan (30%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (45%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B38DFF 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 B38DFF by changing the saturation by 10% instead.



 B38DFF

 B38DFF

FFFFFF

 9773E2

 EDC3FF

 7B5AC6

 FFDFFF

 5F42AA

 FFFCFF

 442A8F

 261375

 00005B

 000043

 00032C


 000116

 B38DFF

 B38DFF

 A274FF

 C4A7FF

 915AFF

 D5C0FF

 8041FF

 E6DAFF

 6F27FF

 F7F3FF

 5E0EFF

FFFFFF

 5500FF

# Harmonies

## Analogous

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



2EA4FF



B38DFF



F075D1

# Triad

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



B38DFF



E48D34



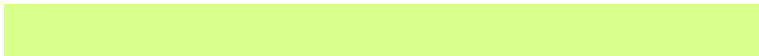
00BDAC

# Complementary

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



B38DFF



D9FF8D

# 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.



00BA70



B38DFF



B4A31F

# Square

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



B38DFF



FF7661



78B13D



00BBE4

# Rectangle

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



B38DFE



FF6BAA



78B13D



00BC98



# Sweetspot

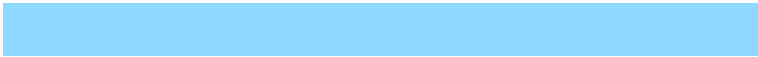
The Sweet Spot groups the original color and five complimentary colors.



B38DFF



E9DEFF



8DD9FF



726B80



000000



808080



# Same Dimension

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



B38DFF



A375FF



EC8DFF



777380



4000BF



150040



# Inverse Universe

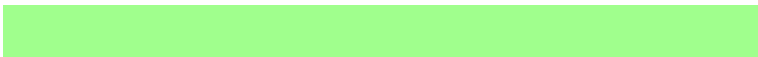
The Inverse Universe completely reimagines the original color for something new.



FF8DD9



FF75D1



A0FF8D



80737B



BF007F

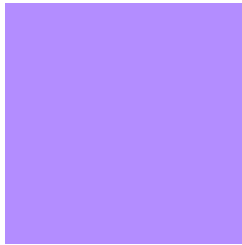


40002A



# Previews

## White Background



This preview shows how the Hex color B38DFF looks on a white background.

## Color Contrast Check

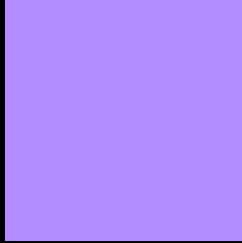
Large Text (above 18pt) WCAG AA × Fail

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 B38DFF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

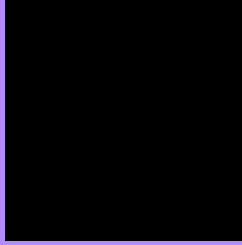
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B38DFF Background



This preview shows how black text looks on a background with the Hex color B38DFF.



This preview shows how white text looks on a background with the Hex color B38DFF.

# 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](#).

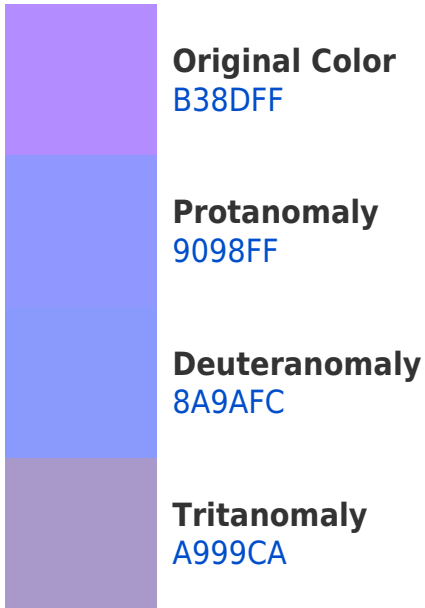
## Dichromacy



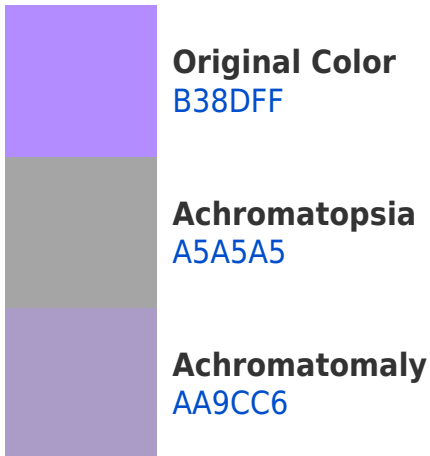


**Tritanopia**  
A3A0AC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B38DFF 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 #B38DFF looks like.

```
.text, #text, p{  
    color:#B38DFF  
}
```

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 #B38DFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B38DFF
}
```

## Border

The CSS property to change the border of an element to Hex B38DFF 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
#B38DFF }
```

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

```
.border{ border-color:#B38DFF }
```

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

Here you see how a box with a 4 pixel #B38DFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B38DFF; -webkit-box-shadow:4px 4px  
4px 4px #B38DFF; box-shadow:4px 4px 4px  
4px #B38DFF }
```

# Background

The CSS property to change the background color of an element to Hex B38DFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B38DFF }
```

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

```
.background{ background-color:#B38DFF }
```

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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