

# Converting Colors

Hex(B3B2FF)

Have a look what the booklet for  
Hex(B3B2FF) contains.

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# **Color**

**Hex(B3B2FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3B2FF
RGB	179, 178, 255
RGB Percent	70%, 70%, 100%
CMY	0.2980, 0.3020, 0.0000
CMYK	0.30, 0.30, 0.00, 0.00
HSL	241°, 100%, 85%
HSV	241°, 30%, 100%
XYZ	52.5608, 48.6445, 101.2268
YIQ	187.0770, -24.1210, 24.1590

# Conversions

## Conversions Part 2

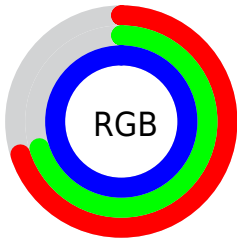
Format	Color
R <sub>Y</sub> B	179, 178, 255
Decimal	11776767
CIE Lab	75.23, 17.17, -37.91
CIE LCh	75, 41.614, 294.372
Yxy	48.6445, 0.2596, 0.2403
Android (android.graphics.Color)	4289966847 (0xFFB3B2FF)
YUV	187.0770, 33.4860, -7.0835
Hunter-Lab	69.7456, 12.4641, -37.2299

# Details

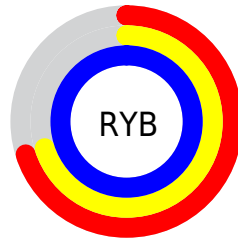
The Hex color **B3B2FF** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **FEFFB2**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **ECEAFF**, and **7C7DC6** is the 20% darker color. If you saturate the color by 10%, you get **9A98FF**, and if you desaturate by 10%, it is **CCCBFF**.

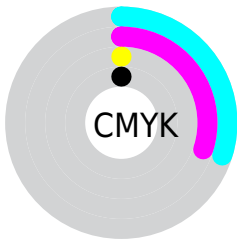
# Distribution



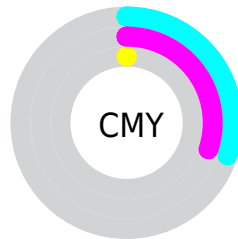
- Red (70%)
- Green (70%)
- Blue (100%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color B3B2FF 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 B3B2FF by changing the saturation by 10% instead.



 B3B2FF

 B3B2FF

FFFFFF

 9797E2

 ECEAFF

 7C7DC6

 6165AA

 474D90

 2C3676

 0C215D

 000C45

 00032E


 000118

 B3B2FF

 B3B2FF

 9A98FF

 CCCBFF

 817FFF

 E5E5FF

 6765FF

FFFFFF

 4E4CFF

 3532FF

 1C19FF

 0300FF

# Harmonies

## Analogous

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



73BFFF



B3B2FF



E3A4E6

# Triad

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



B3B2FF



F5A77C



50CDB0

# Complementary

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



B3B2FF



FEFFB2

# 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.



85C98B



B3B2FF



D9B46C

# Square

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



B3B2FF



FF9D9C



B2C172



00CDD8

# Rectangle

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



B3B2FF



F79ECF



B2C172



63CCA3



# Sweetspot

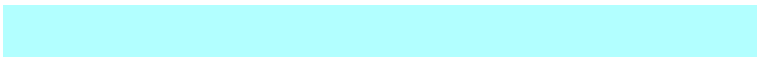
The Sweet Spot groups the original color and five complimentary colors.



B3B2FF



E8E8FF



B2FFFF



727180



000000



808080



# Same Dimension

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



B3B2FF



A4A3FF



D9B2FF



737380



0200BF



010040



# Inverse Universe

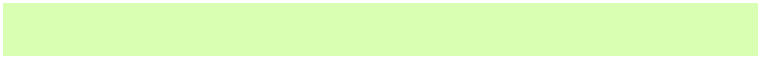
The Inverse Universe completely reimagines the original color for something new.



FFB2FE



FFA3FE



D9FFB2



80737F



BF00BD

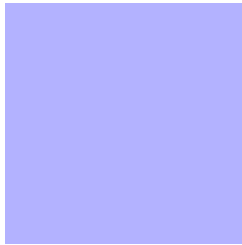


40003F



# Previews

## White Background



This preview shows how the Hex color B3B2FF looks on a white background.

## Color Contrast Check

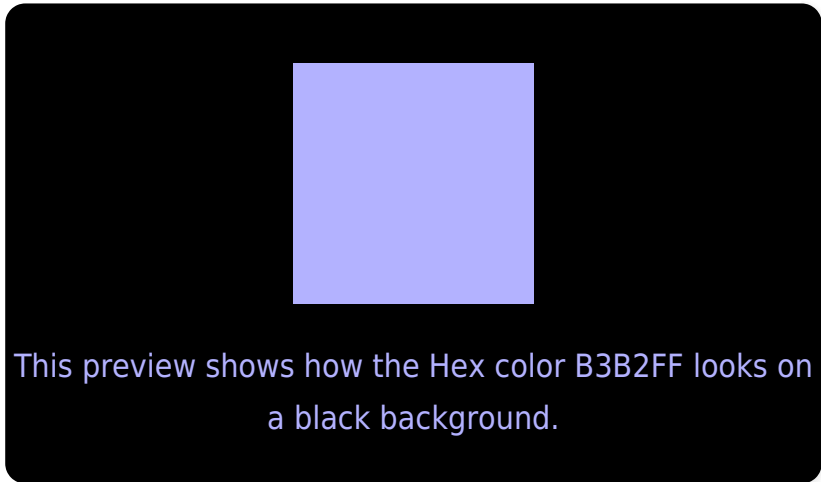
Large Text (above 18pt) WCAG AA × Fail

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 B3B2FF Background



This preview shows how black text looks on a background with the Hex color B3B2FF.

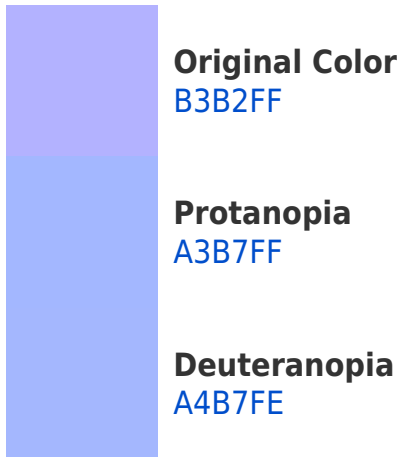


This preview shows how white text looks on a background with the Hex color B3B2FF.

# 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](#).

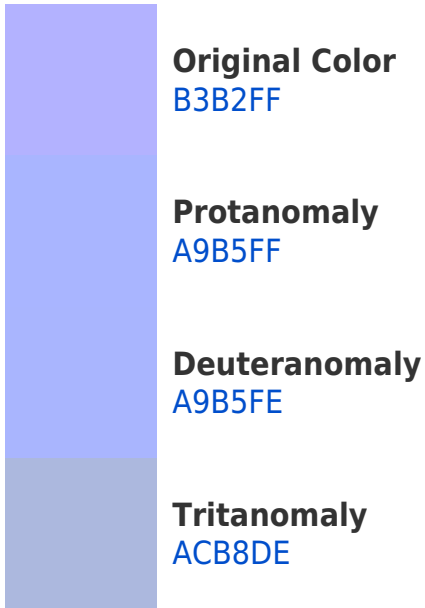
## Dichromacy



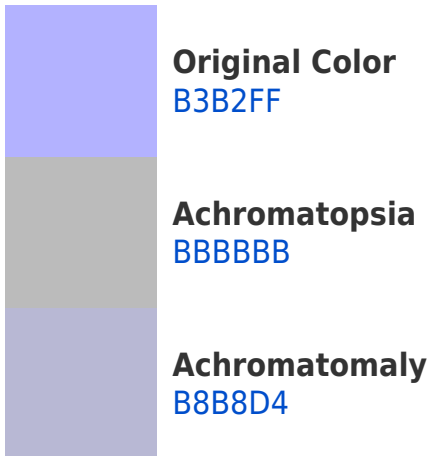


**Tritanopia**  
A8BCCB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3B2FF 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 #B3B2FF looks like.

```
.text, #text, p{  
    color:#B3B2FF  
}
```

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 #B3B2FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3B2FF
}
```

## Border

The CSS property to change the border of an element to Hex B3B2FF 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
#B3B2FF }
```

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

```
.border{ border-color:#B3B2FF }
```

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

Here you see how a box with a 4 pixel #B3B2FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3B2FF; -webkit-box-shadow:4px 4px  
4px 4px #B3B2FF; box-shadow:4px 4px 4px  
4px #B3B2FF }
```

# Background

The CSS property to change the background color of an element to Hex B3B2FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3B2FF }
```

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

```
.background{ background-color:#B3B2FF }
```

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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