

Converting Colors

Hex(B1B3F9)

Have a look what the booklet for
Hex(B1B3F9) contains.

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Color

Hex(B1B3F9)

Conversions

Conversions Part 1

Format	Color
Hex	B1B3F9
RGB	177, 179, 249
RGB Percent	69%, 70%, 98%
CMY	0.3059, 0.2980, 0.0235
CMYK	0.29, 0.28, 0.00, 0.02
HSL	238°, 86%, 84%
HSV	238°, 29%, 98%
XYZ	51.3504, 48.4269, 96.2634
YIQ	186.3820, -23.6620, 21.3460

Conversions

Conversions Part 2

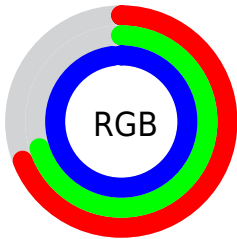
Format	Color
R_{YB}	177, 179, 249
Decimal	11645945
CIE _{Lab}	75.09, 14.59, -34.90
CIE _{LCh}	75, 37.822, 292.683
Yxy	48.4269, 0.2619, 0.2470
Android (android.graphics.Color)	4289836025 (0xFFB1B3F9)
YUV	186.3820, 30.8707, -8.2280
Hunter-Lab	69.5894, 9.9347, -33.3036

Details

The Hex color **B1B3F9** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F9F7B1**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **EAEBFF**, and **7A7EC0** is the 20% darker color. If you saturate the color by 10%, you get **989BF9**, and if you desaturate by 10%, it is **CACBF9**.

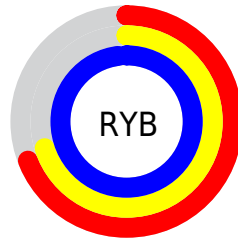
Distribution



Red (69%)

Green (70%)

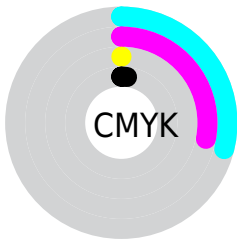
Blue (98%)



Red (69%)

Yellow (70%)

Blue (98%)

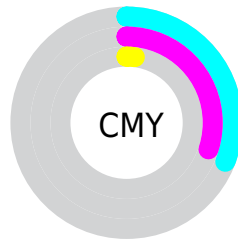


Cyan (29%)

Magenta (28%)

Yellow (0%)

Black (2%)



Cyan (31%)

Magenta (30%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1B3F9 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 B1B3F9 by changing the saturation by 10% instead.

 B1B3F9

 B1B3F9

FFFFFF

 9598DC

 EAEBFF

 7A7EC0

 6065A5

 464E8A

 2C3771

 0E2258

 000D40

 00032A

 000114

 B1B3F9

 B1B3F9

 989BF9

 CACBF9

 7F83F9

 E3E3F9

 666AF9

 FCFCF9

 4D52F9

 FFFFF9

 353AF9

 1C22F9

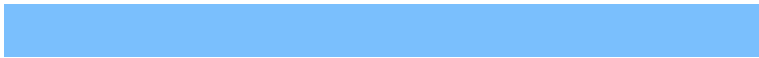
 030AF9

 0007F9

Harmonies

Analogous

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



7ABFFD



B1B3F9



DDA7E4

Triad

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



B1B3F9



F2A883



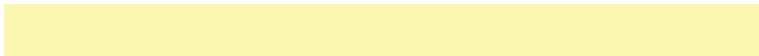
61CBAF

Complementary

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



B1B3F9



F9F7B1

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.



8DC78E



B1B3F9



D8B474

Square

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



B1B3F9



FD9FA0



B5BF78



39CBD3

Rectangle

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



B1B3F9



F0A1CF



B5BF78



70CAA3

Sweetspot

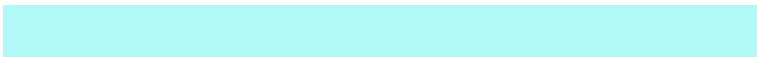
The Sweet Spot groups the original color and five complimentary colors.



B1B3F9



E8E9FF



B1F9F7



717280



000000



808080

Same Dimension

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



B1B3F9



A6A8FF



D3B1F9



70717D



0005BD



00023D

Inverse Universe

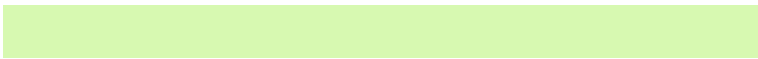
The Inverse Universe completely reimagines the original color for something new.



F9B1B3



FFA6A8



D7F9B1



7D7071



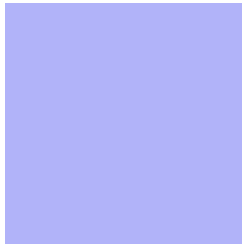
BD0005



3D0002

Previews

White Background



This preview shows how the Hex color B1B3F9 looks on a white background.

Color Contrast Check

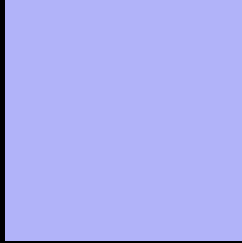
Large Text (above 18pt) WCAG AA × Fail

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 B1B3F9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

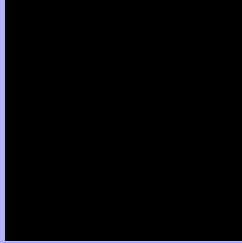
Any Text WCAG AA ✓ Pass

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 B1B3F9 Background



This preview shows how black text looks on a background with the Hex color B1B3F9.



This preview shows how white text looks on a background with the Hex color B1B3F9.

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

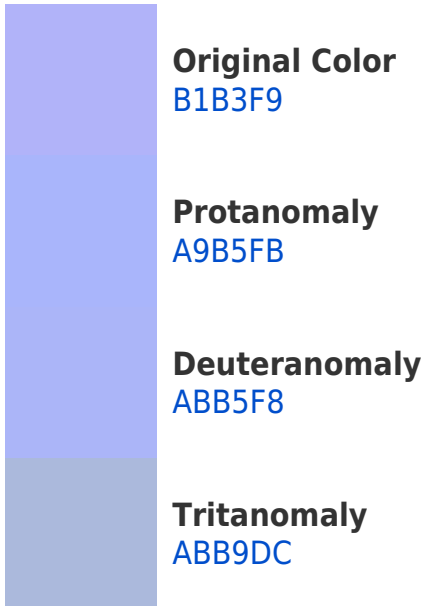


Original Color
B1B3F9

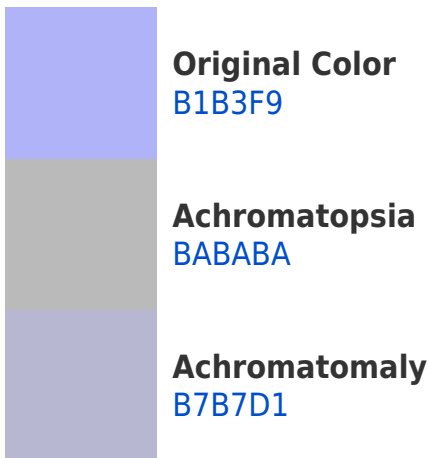
Protanopia
A5B6FC

Deuteranopia
A7B6F8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1B3F9 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 #B1B3F9 looks like.

```
.text, #text, p{  
    color:#B1B3F9  
}
```

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 #B1B3F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1B3F9
}
```

Border

The CSS property to change the border of an element to Hex B1B3F9 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
#B1B3F9 }
```

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

```
.border{ border-color:#B1B3F9 }
```

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

Here you see how a box with a 4 pixel #B1B3F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1B3F9; -webkit-box-shadow:4px 4px  
4px 4px #B1B3F9; box-shadow:4px 4px 4px  
4px #B1B3F9 }
```

Background

The CSS property to change the background color of an element to Hex B1B3F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1B3F9 }
```

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

```
.background{ background-color:#B1B3F9 }
```

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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