

Converting Colors

Hex(B1B1FE)

Have a look what the booklet for
Hex(B1B1FE) contains.

Hex(B1B1FE)	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(B1B1FE)

Conversions

Conversions Part 1

Format	Color
Hex	B1B1FE
RGB	177, 177, 254
RGB Percent	69%, 69%, 100%
CMY	0.3059, 0.3059, 0.0039
CMYK	0.30, 0.30, 0.00, 0.00
HSL	240°, 97%, 85%
HSV	240°, 30%, 100%
XYZ	51.7430, 47.9471, 100.2935
YIQ	185.7780, -24.7170, 23.9470

Conversions

Conversions Part 2

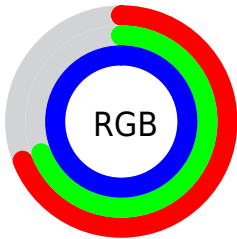
Format	Color
R _Y B	177, 177, 254
Decimal	11645438
CIE Lab	74.79, 16.92, -38.06
CIE LCh	75, 41.651, 293.970
Yxy	47.9471, 0.2587, 0.2398
Android (android.graphics.Color)	4289835518 (0xFFB1B1FE)
YUV	185.7780, 33.6334, -7.6983
Hunter-Lab	69.2439, 12.2086, -37.4055

Details

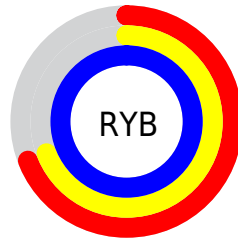
The Hex color **B1B1FE** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **FEFEB1**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **EAE9FF**, and **7A7DC5** is the 20% darker color. If you saturate the color by 10%, you get **9898FE**, and if you desaturate by 10%, it is **CACAFE**.

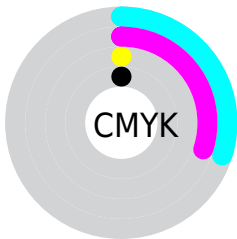
Distribution



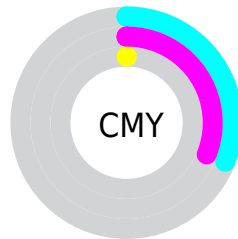
- Red (69%)
- Green (69%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color B1B1FE 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 B1B1FE by changing the saturation by 10% instead.

 B1B1FE

 B1B1FE

FFFFFF

 9596E1

 EAE9FF

 7A7DC5

 6064AA

 454C8F

 2A3575

 08205C

 000B44

 00032D

 000117

 B1B1FE

 B1B1FE

 9898FE

 CACAFE

 7E7EFE

 E4E4FE

 6565FE

 FDFDFE

 4B4BFE

 FFFFFE

 3232FE

 1919FE

 0000FE

Harmonies

Analogous

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



71BEFF



B1B1FE



E1A3E6

Triad

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



B1B1FE



F5A67B



50CCAF

Complementary

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



B1B1FE



FEFEB1

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.



85C88A



B1B1FE



D8B36B

Square

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



B1B1FE



FF9C9B



B2BF71



00CCD6

Rectangle

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



B1B1FE



F69DCE



B2BF71



63CBA2

Sweetspot

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



B1B1FE



E8E8FF



B1FEFE



717180



000000



808080

Same Dimension

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



B1B1FE



A3A3FF



D8B1FE



737380



0000BF



000040

Inverse Universe

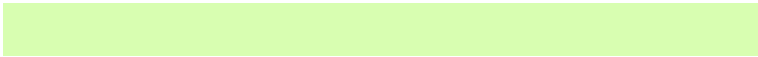
The Inverse Universe completely reimagines the original color for something new.



FEB1FE



FFA3FF



D8FEB1



807380



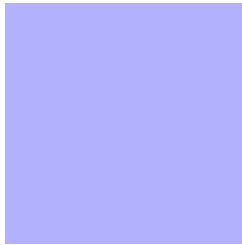
BF00BF



400040

Previews

White Background



This preview shows how the Hex color B1B1FE looks on a white background.

Color Contrast Check

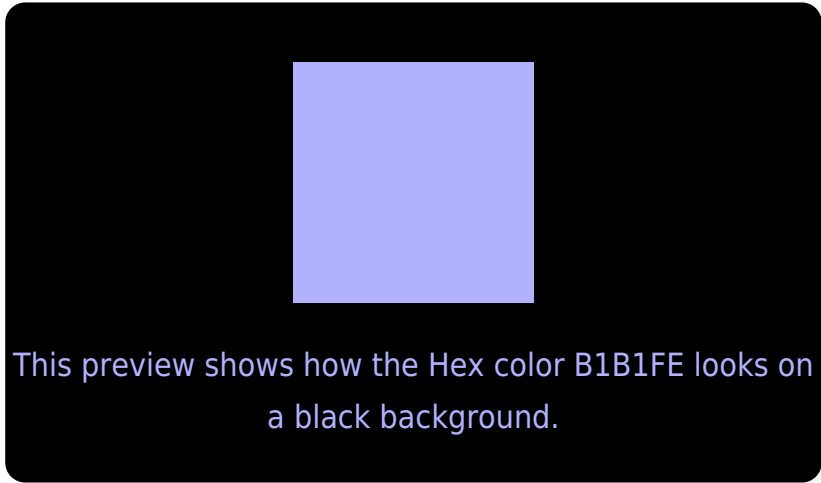
Large Text (above 18pt) WCAG AA × Fail

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

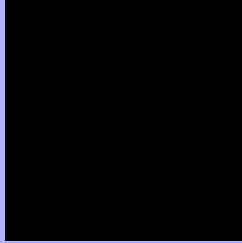
Any Text WCAG AA ✓ Pass

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 B1B1FE Background



This preview shows how black text looks on a background with the Hex color B1B1FE.

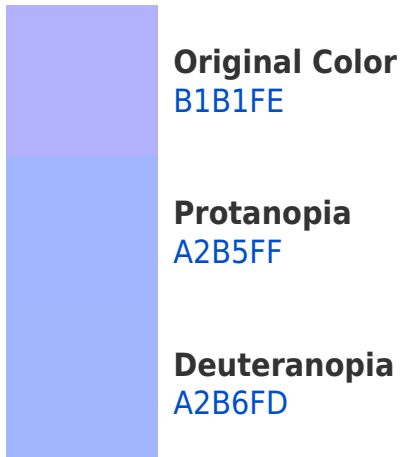


This preview shows how white text looks on a background with the Hex color B1B1FE.

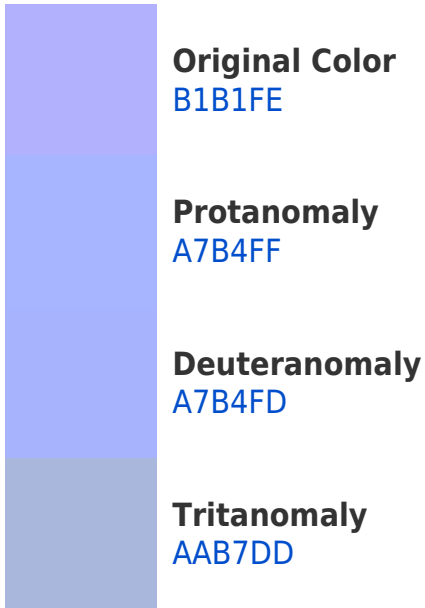
Color Blindness Simulation

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](#).

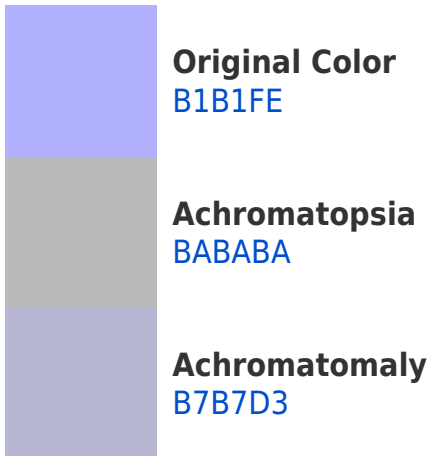
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1B1FE 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 #B1B1FE looks like.

```
.text, #text, p{  
    color:#B1B1FE  
}
```

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 #B1B1FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1B1FE
}
```

Border

The CSS property to change the border of an element to Hex B1B1FE 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
#B1B1FE }
```

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

```
.border{ border-color:#B1B1FE }
```

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

Here you see how a box with a 4 pixel #B1B1FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1B1FE; -webkit-box-shadow:4px 4px  
4px 4px #B1B1FE; box-shadow:4px 4px 4px  
4px #B1B1FE }
```

Background

The CSS property to change the background color of an element to Hex B1B1FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1B1FE }
```

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

```
.background{ background-color:#B1B1FE }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor