

Converting Colors

Hex(B1B9EF)

Have a look what the booklet for
Hex(B1B9EF) contains.

Hex(B1B9EF)	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(B1B9EF)

Conversions

Conversions Part 1

Format	Color
Hex	B1B9EF
RGB	177, 185, 239
RGB Percent	69%, 73%, 94%
CMY	0.3059, 0.2745, 0.0627
CMYK	0.26, 0.23, 0.00, 0.06
HSL	232°, 66%, 82%
HSV	232°, 26%, 94%
XYZ	51.0604, 50.2770, 88.6746
YIQ	188.7640, -22.1020, 15.0980

Conversions

Conversions Part 2

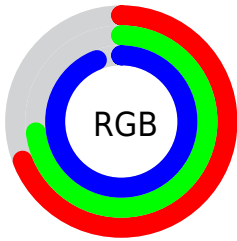
Format	Color
RYB	177, 184, 239
Decimal	11647471
CIELab	76.24, 8.88, -27.74
CIELCh	76, 29.125, 287.750
Yxy	50.2770, 0.2687, 0.2646
Android (android.graphics.Color)	4289837551 (0xFFB1B9EF)
YUV	188.7640, 24.7663, -10.3170
Hunter-Lab	70.9063, 4.4538, -24.5130

Details

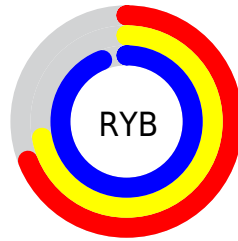
The Hex color **B1B9EF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **EFE7B1**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **EAF1FF**, and **7B84B7** is the 20% darker color. If you saturate the color by 10%, you get **99A4EF**, and if you desaturate by 10%, it is **C9CEEF**.

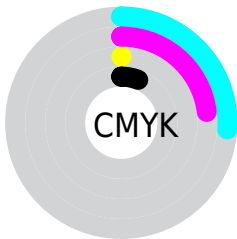
Distribution



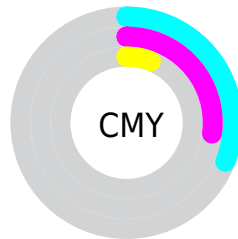
- Red (69%)
- Green (73%)
- Blue (94%)



- Red (69%)
- Yellow (72%)
- Blue (94%)



- Cyan (26%)
- Magenta (23%)
- Yellow (0%)
- Black (6%)



- Cyan (31%)
- Magenta (27%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1B9EF 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 B1B9EF by changing the saturation by 10% instead.

 B1B9EF

 B1B9EF

FFFFFF

 969ED3

 EAF1FF

 7B84B7

 616B9C

 485382

 2F3C68

 152650

 001239

 000223

 00000A

 B1B9EF

 B1B9EF

 99A4EF


 C9CEEF

 818FEF

 E1E3EF

 697BEF

 F9F7EF

 5166EF

 FFFFEF

 3951EF

 223CEF

 0A27EF

 001FEF

Harmonies

Analogous

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



8BC2F0



B1B9EF



D3B0E0

Triad

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



B1B9EF



ECAE95



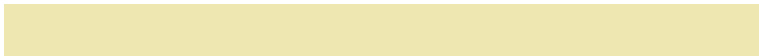
82CAB0

Complementary

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



B1B9EF



EFE7B1

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.



A0C697



B1B9EF



DAB788

Square

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



B1B9EF



F3A9AD



BFBF88



6DCBCB

Rectangle

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



B1B9EF



E4ABD1



BFBF88



8CC9A7

Sweetspot

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



B1B9EF



EBEDFF



B1EFE7



737480



000000



808080

Same Dimension

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



B1B9EF



B0BAFF



C8B1EF



6C6D78



0018B8



000738

Inverse Universe

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



EFB1B9



FFB0BA



D8EFB1



786C6D



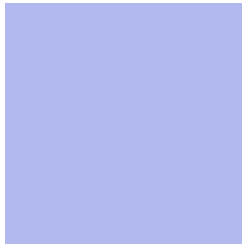
B80018



380007

Previews

White Background



This preview shows how the Hex color B1B9EF looks on a white background.

Color Contrast Check

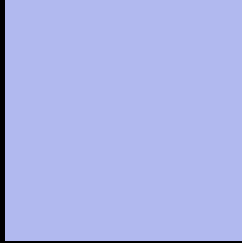
Large Text (above 18pt) WCAG AA × Fail

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 B1B9EF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

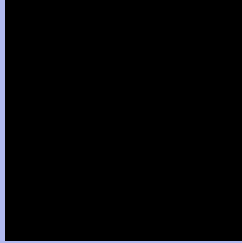
Any Text WCAG AA ✓ Pass

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 B1B9EF Background



This preview shows how black text looks on a background with the Hex color B1B9EF.



This preview shows how white text looks on a background with the Hex color B1B9EF.

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
B1B9EF

Protanopia
AEBAFO

Deuteranopia
B3B8EF

Trichromacy



Original Color
B1B9EF

Protanomaly
AFBAF0

Deuteranomaly
B2B8EF

Tritanomaly
ADBDDA

Monochromacy



Original Color
B1B9EF

Achromatopsia
BDBDBD

Achromatomaly
B9BCCF

CSS Examples

Text

The CSS property to change the color of the text to Hex B1B9EF 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 #B1B9EF looks like.

```
.text, #text, p{  
    color:#B1B9EF  
}
```

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 #B1B9EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1B9EF
}
```

Border

The CSS property to change the border of an element to Hex B1B9EF 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
#B1B9EF }
```

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

```
.border{ border-color:#B1B9EF }
```

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

Here you see how a box with a 4 pixel #B1B9EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1B9EF; -webkit-box-shadow:4px 4px  
4px 4px #B1B9EF; box-shadow:4px 4px 4px  
4px #B1B9EF }
```

Background

The CSS property to change the background color of an element to Hex B1B9EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1B9EF }
```

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

```
.background{ background-color:#B1B9EF }
```

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