

# Converting Colors

Hex(B1AFE9)

Have a look what the booklet for  
Hex(B1AFE9) contains.

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# **Color**

**Hex(B1AFE9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1AFE9
RGB	177, 175, 233
RGB Percent	69%, 69%, 91%
CMY	0.3059, 0.3137, 0.0863
CMYK	0.24, 0.25, 0.00, 0.09
HSL	242°, 57%, 80%
HSV	242°, 25%, 91%
XYZ	48.1694, 45.8902, 83.4097
YIQ	182.2100, -17.4260, 18.4620

# Conversions

## Conversions Part 2

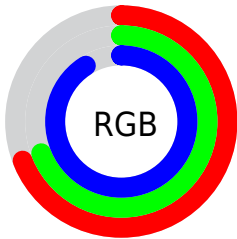
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">177, 175, 233</a>
Decimal	<a href="#">11644905</a>
<a href="#">CIELab</a>	<a href="#">73.47, 12.98, -28.73</a>
<a href="#">CIElCh</a>	<a href="#">73, 31.527, 294.303</a>
<a href="#">Yxy</a>	<a href="#">45.8902, 0.2714, 0.2586</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4289834985 (0xFFB1AFE9)</a>
<a href="#">YUV</a>	<a href="#">182.2100, 25.0395, -4.5692</a>
<a href="#">Hunter-Lab</a>	<a href="#">67.7423, 8.3765, -25.5829</a>

# Details

The Hex color **B1AFE9** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E7E9AF**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **E9E6FF**, and **7B7BB1** is the 20% darker color. If you saturate the color by 10%, you get **9B98E9**, and if you desaturate by 10%, it is **C7C6E9**.

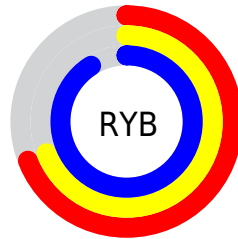
# Distribution



Red (69%)

Green (69%)

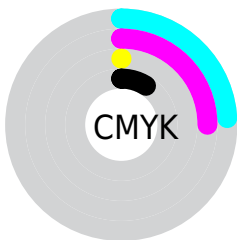
Blue (91%)



Red (69%)

Yellow (69%)

Blue (91%)

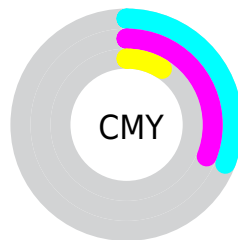


Cyan (24%)

Magenta (25%)

Yellow (0%)

Black (9%)



Cyan (31%)

Magenta (31%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1AFE9 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 B1AFE9 by changing the saturation by 10% instead.



 B1AFE9


FFFFFF

 E9E6FF

 B1AFE9


 9694CD

 7B7BB1

 616296

 484A7C

 303463

 161F4B

 000634

 00021E

 000001

 B1AFE9

 B1AFE9

 9B98E9

 C7C6E9

 8480E9

 DEDEE9

 6E69E9

 F4F5E9

 5752E9

 FFFFE9

 413BE9

 2A23E9

 140CE9

 0800E9

# Harmonies

## Analogous

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



86B9ED



B1AFE9



D4A5D7

# Triad

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



B1AFE9



E4A787



6EC4AE

# Complementary

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



B1AFE9



E7E9AF

# 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.



8FC192



B1AFE9



CEB17B

# Square

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



B1AFE9



EEA09E



B0BA7F



58C4CB

# Rectangle

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



B1AFE9



E4A1C5



B0BA7F



79C3A4



# Sweetspot

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



B1AFE9



EEEDFF



AFE7E9



767580



000000



808080



# Same Dimension

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



B1AFE9



B5B3FF



CEAFE9



6A6A75



0600B5



020036



# Inverse Universe

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



E9AFE7



FFB3FC



CAE9AF



756A75



B500AF

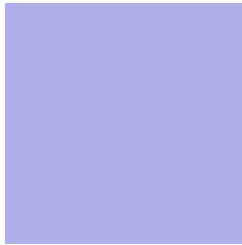


360034



# Previews

## White Background



This preview shows how the Hex color B1AFE9 looks on a white background.

## Color Contrast Check

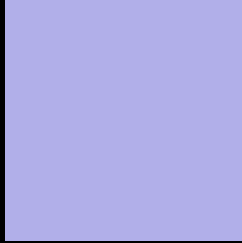
Large Text (above 18pt) WCAG AA × Fail

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 B1AFE9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

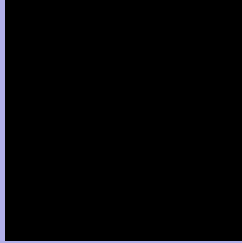
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B1AFE9 Background



This preview shows how black text looks on a background with the Hex color B1AFE9.

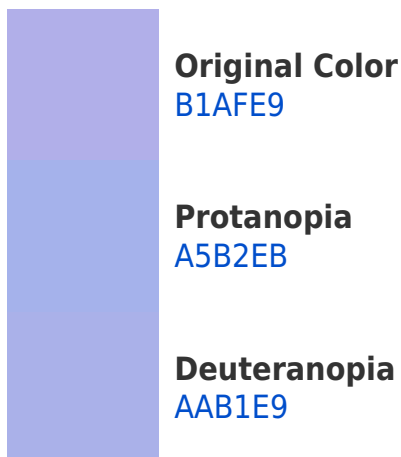


This preview shows how white text looks on a background with the Hex color B1AFE9.

# 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



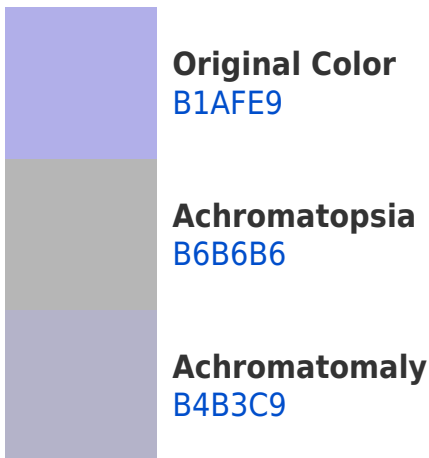


**Tritanopia**  
AAB6C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1AFE9 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 #B1AFE9 looks like.

```
.text, #text, p{  
    color:#B1AFE9  
}
```

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 #B1AFE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1AFE9
}
```

## Border

The CSS property to change the border of an element to Hex B1AFE9 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
#B1AFE9 }
```

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

```
.border{ border-color:#B1AFE9 }
```

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

Here you see how a box with a 4 pixel #B1AFE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1AFE9; -webkit-box-shadow:4px 4px  
4px 4px #B1AFE9; box-shadow:4px 4px 4px  
4px #B1AFE9 }
```

# Background

The CSS property to change the background color of an element to Hex B1AFE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1AFE9 }
```

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

```
.background{ background-color:#B1AFE9 }
```

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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