

# Converting Colors

Hex(B4B2EB)

Have a look what the booklet for  
Hex(B4B2EB) contains.

|  |    |
|--|----|
| <b>Hex(B4B2EB)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# **Color**

**Hex(B4B2EB)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | B4B2EB                      |
| RGB         | 180, 178, 235               |
| RGB Percent | 71%, 70%, 92%               |
| CMY         | 0.2941, 0.3020, 0.0784      |
| CMYK        | 0.23, 0.24, 0.00, 0.08      |
| HSL         | 242°, 59%, 81%              |
| HSV         | 242°, 24%, 92%              |
| XYZ         | 49.7382, 47.5422, 85.1523   |
| YIQ         | 185.0960, -17.1050, 18.1510 |

# Conversions

## Conversions Part 2

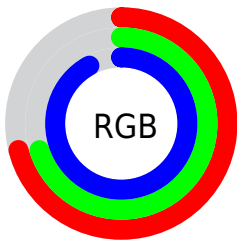
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 180, 178, 235                 |
| Decimal                             | 11842283                      |
| CIE Lab                             | 74.54, 12.68, -28.17          |
| CIE LCh                             | 75, 30.893, 294.240           |
| Yxy                                 | 47.5422, 0.2726,<br>0.2606    |
| Android<br>(android.graphics.Color) | 4290032363<br>(0xFFB4B2EB)    |
| YUV                                 | 185.0960, 24.6027,<br>-4.4692 |
| Hunter-Lab                          | 68.9509, 8.0981,<br>-24.9558  |

# Details

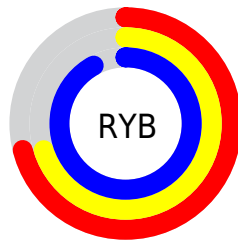
The Hex color **B4B2EB** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E9EBB2**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **EDEAFF**, and **7E7DB3** is the 20% darker color. If you saturate the color by 10%, you get **9D9BEB**, and if you desaturate by 10%, it is **CBCAEB**.

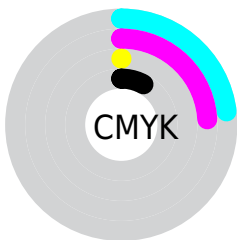
# Distribution



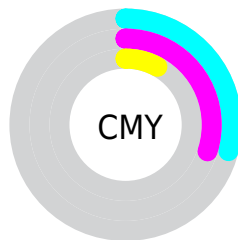
- Red (71%)
- Green (70%)
- Blue (92%)



- Red (71%)
- Yellow (70%)
- Blue (92%)



- Cyan (23%)
- Magenta (24%)
- Yellow (0%)
- Black (8%)



- Cyan (29%)
- Magenta (30%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4B2EB 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 B4B2EB by changing the saturation by 10% instead.



 B4B2EB

 B4B2EB

FFFFFF

 9997CF

 EDEAFF

 7E7DB3

 646598

 4B4D7E

 333665

 1A214D

 010B36

 000220

 000004

 B4B2EB

 B4B2EB

 9D9BEB

 CBCAEB

 8783EB

 E1E1EB

 706CEB

 F8F9EB

 5954EB

 FFFFEB

 433CEB

 2C25EB

 150EEB

 0800EB

# Harmonies

## Analogous

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



8BBCEF



B4B2EB



D6A8D9

# Triad

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



B4B2EB



E6AA8A



73C7B1

# Complementary

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



B4B2EB



E9EBB2

# 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.



93C395



B4B2EB



D1B47F

# Square

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



B4B2EB



F0A4A1



B3BD83



5EC7CE

# Rectangle

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



B4B2EB



E6A4C8



B3BD83



7DC6A7



# Sweetspot

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



B4B2EB



EEEDFF



B2E9EB



767580



000000



808080



# Same Dimension

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



B4B2EB



B8B5FF



D0B2EB



6A6A75



0600B5



020036



# Inverse Universe

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



EBB2E9



FFB5FC



CDEBB2



756A75



B500AF

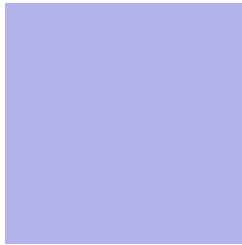


360034



# Previews

## White Background



This preview shows how the Hex color B4B2EB looks on a white background.

## Color Contrast Check

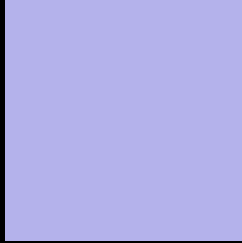
Large Text (above 18pt) WCAG AA × Fail

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 B4B2EB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

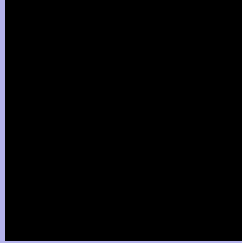
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B4B2EB Background



This preview shows how black text looks on a background with the Hex color B4B2EB.

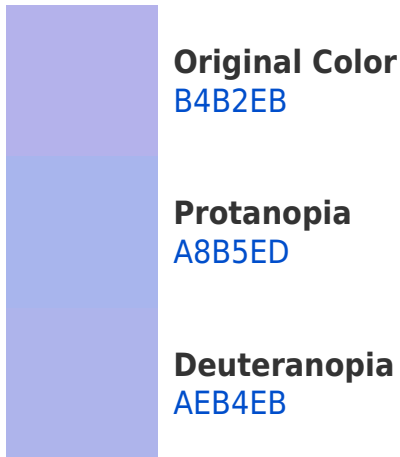


This preview shows how white text looks on a background with the Hex color B4B2EB.

# 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](#).

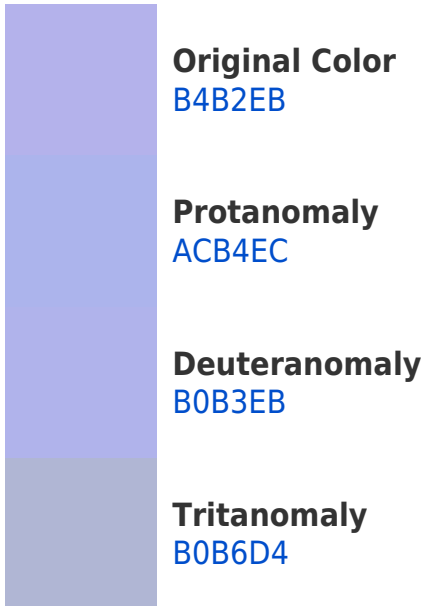
## Dichromacy





**Tritanopia**  
ADB9C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4B2EB 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 #B4B2EB looks like.

```
.text, #text, p{  
    color:#B4B2EB  
}
```

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 #B4B2EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4B2EB
}
```

## Border

The CSS property to change the border of an element to Hex B4B2EB 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
#B4B2EB }
```

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

```
.border{ border-color:#B4B2EB }
```

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

Here you see how a box with a 4 pixel #B4B2EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4B2EB; -webkit-box-shadow:4px 4px  
4px 4px #B4B2EB; box-shadow:4px 4px 4px  
4px #B4B2EB }
```

# Background

The CSS property to change the background color of an element to Hex B4B2EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4B2EB }
```

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

```
.background{ background-color:#B4B2EB }
```

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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