

Converting Colors

Hex(B4B7E9)

Have a look what the booklet for
Hex(B4B7E9) contains.

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Color

Hex(B4B7E9)

Conversions

Conversions Part 1

Format	Color
Hex	B4B7E9
RGB	180, 183, 233
RGB Percent	71%, 72%, 91%
CMY	0.2941, 0.2824, 0.0863
CMYK	0.23, 0.21, 0.00, 0.09
HSL	237°, 55%, 81%
HSV	237°, 23%, 91%
XYZ	50.4639, 49.4535, 83.9765
YIQ	187.8030, -17.8380, 14.9140

Conversions

Conversions Part 2

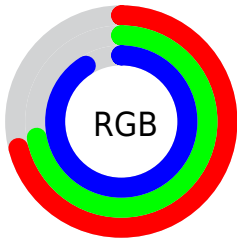
Format	Color
R_{YB}	180, 183, 233
Decimal	11843561
CIE _{Lab}	75.73, 9.47, -25.25
CIE _{LCh}	76, 26.971, 290.561
Yxy	49.4535, 0.2744, 0.2689
Android (android.graphics.Color)	4290033641 (0xFFB4B7E9)
YUV	187.8030, 22.2821, -6.8432
Hunter-Lab	70.3232, 5.0260, -21.5751

Details

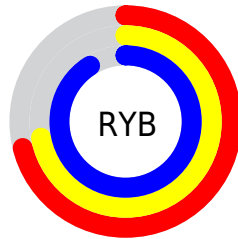
The Hex color **B4B7E9** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E9E6B4**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **ECEFFF**, and **7E82B1** is the 20% darker color. If you saturate the color by 10%, you get **9DA1E9**, and if you desaturate by 10%, it is **CBCDE9**.

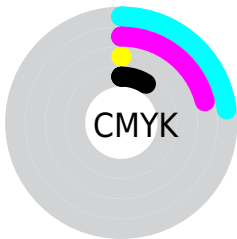
Distribution



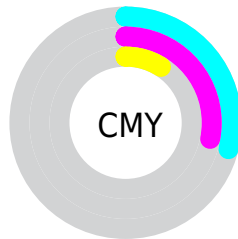
- Red (71%)
- Green (72%)
- Blue (91%)



- Red (71%)
- Yellow (72%)
- Blue (91%)



- Cyan (23%)
- Magenta (21%)
- Yellow (0%)
- Black (9%)



- Cyan (29%)
- Magenta (28%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4B7E9 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 B4B7E9 by changing the saturation by 10% instead.

 B4B7E9

 B4B7E9

FFFFFF

 999CCD

 ECEFFF

 7E82B1

 656996

 4C517C

 333A63

 1B254B

 021034

 00021F

 000002

 B4B7E9

 B4B7E9

 9DA1E9

 CBCDE9

 858BE9

 E3E3E9

 6E75E9


 FAF9E9

 575FE9

 FFFFE9

 4049E9

 2833E9

 111DE9

 000DE9

Harmonies

Analogous

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



91BFEB



B4B7E9



D3AFDA

Triad

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



B4B7E9



E6AE95



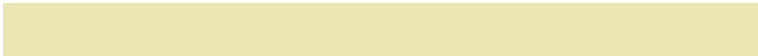
84C8B2

Complementary

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



B4B7E9



E9E6B4

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.



9FC59A



B4B7E9



D4B68A

Square

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



B4B7E9



EDA9AA



BBE8C



72C8CB

Rectangle

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



B4B7E9



E2ABCC



BBBE8C



8CC7A9

Sweetspot

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



B4B7E9



EDEEFF



B4E9E5



757680



000000



808080

Same Dimension

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



B4B7E9



BABEFF



CBB4E9



6A6A75



000AB5



000336

Inverse Universe

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



E9B4B7



FFBABE



D2E9B4



756A6A



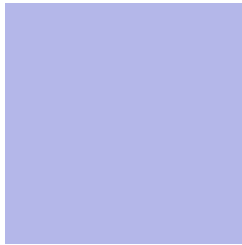
B5000A



360003

Previews

White Background



This preview shows how the Hex color B4B7E9 looks on a white background.

Color Contrast Check

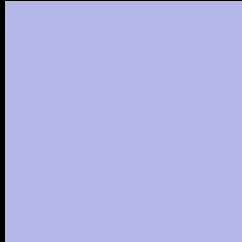
Large Text (above 18pt) WCAG AA × Fail

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 B4B7E9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

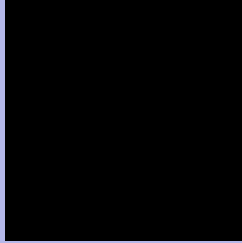
Any Text WCAG AA ✓ Pass

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 B4B7E9 Background



This preview shows how black text looks on a background with the Hex color B4B7E9.



This preview shows how white text looks on a background with the Hex color B4B7E9.

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
B4B7E9

Protanopia
AEB9EA

Deuteranopia
B5B7E9

Trichromacy



Original Color
B4B7E9

Protanomaly
B0B8EA

Deuteranomaly
B5B7E9

Tritanomaly
B0BAD6

Monochromacy



Original Color
B4B7E9

Achromatopsia
BCBCBC

Achromatomaly
B9BACC

CSS Examples

Text

The CSS property to change the color of the text to Hex B4B7E9 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 #B4B7E9 looks like.

```
.text, #text, p{  
    color:#B4B7E9  
}
```

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 #B4B7E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4B7E9
}
```

Border

The CSS property to change the border of an element to Hex B4B7E9 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
#B4B7E9 }
```

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

```
.border{ border-color:#B4B7E9 }
```

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

Here you see how a box with a 4 pixel #B4B7E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4B7E9; -webkit-box-shadow:4px 4px  
4px 4px #B4B7E9; box-shadow:4px 4px 4px  
4px #B4B7E9 }
```

Background

The CSS property to change the background color of an element to Hex B4B7E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4B7E9 }
```

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

```
.background{ background-color:#B4B7E9 }
```

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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