

Converting Colors

Hex(B4B5E8)

Have a look what the booklet for
Hex(B4B5E8) contains.

Hex(B4B5E8)	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(B4B5E8)

Conversions

Conversions Part 1

Format	Color
Hex	B4B5E8
RGB	180, 181, 232
RGB Percent	71%, 71%, 91%
CMY	0.2941, 0.2902, 0.0902
CMYK	0.22, 0.22, 0.00, 0.09
HSL	239°, 53%, 81%
HSV	239°, 22%, 91%
XYZ	49.9118, 48.5772, 83.0896
YIQ	186.5150, -16.9670, 15.6490

Conversions

Conversions Part 2

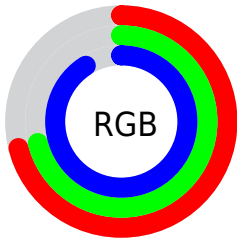
Format	Color
R _Y B	180, 181, 232
Decimal	11843048
CIE Lab	75.19, 10.34, -25.54
CIE LCh	75, 27.558, 292.037
Yxy	48.5772, 0.2749, 0.2675
Android (android.graphics.Color)	4290033128 (0xFFB4B5E8)
YUV	186.5150, 22.4241, -5.7137
Hunter-Lab	69.6974, 5.8572, -21.8943

Details

The Hex color **B4B5E8** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E8E7B4**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **ECEDFF**, and **7E80B0** is the 20% darker color. If you saturate the color by 10%, you get **9D9EE8**, and if you desaturate by 10%, it is **CBCCE8**.

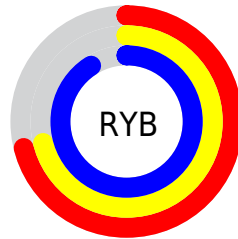
Distribution



Red (71%)

Green (71%)

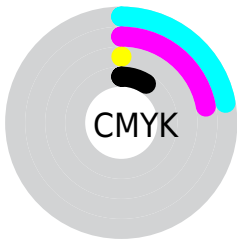
Blue (91%)



Red (71%)

Yellow (71%)

Blue (91%)

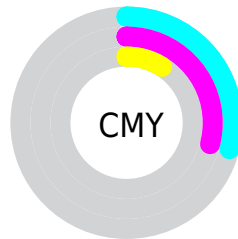


Cyan (22%)

Magenta (22%)

Yellow (0%)

Black (9%)



Cyan (29%)

Magenta (29%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4B5E8 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 B4B5E8 by changing the saturation by 10% instead.

 B4B5E8

 B4B5E8

FFFFFF

 999ACC

 ECEDFE

 7E80B0

 656795

 4C4F7B

 333862

 1B234A

 030E33

 00021E

 000000

 B4B5E8

 B4B5E8

 9D9EE8

 CBCCE8

 8687E8

 E2E3E8

 6E71E8

 FAF9E8

 575AE8

 FFFFE8

 4043E8

 292CE8

 1216E8

 0004E8

Harmonies

Analogous

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



90BEEB



B4B5E8



D3ADD9

Triad

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



B4B5E8



E5AD92



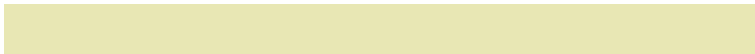
7FC7B1

Complementary

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



B4B5E8



E8E7B4

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.



9BC499



B4B5E8



D2B587

Square

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



B4B5E8



EDA7A7



B8BD8A



6EC7CB

Rectangle

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



B4B5E8



E2A8C9



B8BD8A



88C6A9

Sweetspot

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



B4B5E8



EDEDFF



B4E8E6



757580



000000



808080

Same Dimension

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



B4B5E8



BABBF



CCB4E8



676773



0003B3



000133

Inverse Universe

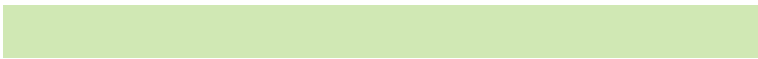
The Inverse Universe completely reimagines the original color for something new.



E8B4B5



FFBABB



D0E8B4



736767



B30003



330001

Previews

White Background



This preview shows how the Hex color B4B5E8 looks on a white background.

Color Contrast Check

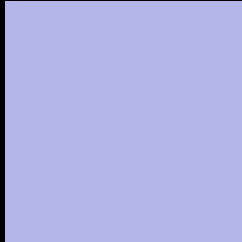
Large Text (above 18pt) WCAG AA × Fail

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 B4B5E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

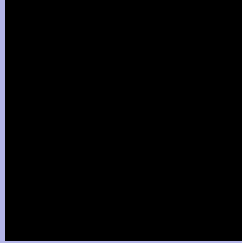
Any Text WCAG AA ✓ Pass

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 B4B5E8 Background



This preview shows how black text looks on a background with the Hex color B4B5E8.



This preview shows how white text looks on a background with the Hex color B4B5E8.

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
B4B5E8

Protanopia
ADB7E9

Deuteranopia
B3B5E8

Trichromacy



Original Color
B4B5E8

Protanomaly
B0B6E9

Deuteranomaly
B3B5E8

Tritanomaly
B0B9D4

Monochromacy



Original Color
B4B5E8

Achromatopsia
BBBBBB

Achromatomaly
B8B9CB

CSS Examples

Text

The CSS property to change the color of the text to Hex B4B5E8 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 #B4B5E8 looks like.

```
.text, #text, p{  
    color:#B4B5E8  
}
```

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 #B4B5E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4B5E8
}
```

Border

The CSS property to change the border of an element to Hex B4B5E8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

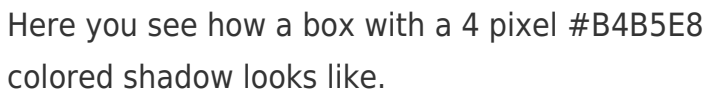
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B4B5E8 }
```

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

```
.border{ border-color:#B4B5E8 }
```

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



Here you see how a box with a 4 pixel #B4B5E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4B5E8; -webkit-box-shadow:4px 4px  
4px 4px #B4B5E8; box-shadow:4px 4px 4px  
4px #B4B5E8 }
```

Background

The CSS property to change the background color of an element to Hex B4B5E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4B5E8 }
```

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

```
.background{ background-color:#B4B5E8 }
```

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