

Converting Colors

Hex(B5B4E9)

Have a look what the booklet for
Hex(B5B4E9) contains.

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Color

Hex(B5B4E9)

Conversions

Conversions Part 1

Format	Color
Hex	B5B4E9
RGB	181, 180, 233
RGB Percent	71%, 71%, 91%
CMY	0.2902, 0.2941, 0.0863
CMYK	0.22, 0.23, 0.00, 0.09
HSL	241°, 55%, 81%
HSV	241°, 23%, 91%
XYZ	50.0853, 48.3495, 83.7834
YIQ	186.3410, -16.4170, 16.6950

Conversions

Conversions Part 2

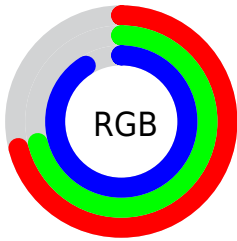
Format	Color
R_{YB}	181, 180, 233
Decimal	11908329
CIE _{Lab}	75.04, 11.42, -26.30
CIE _{LCh}	75, 28.672, 293.477
Yxy	48.3495, 0.2749, 0.2653
Android (android.graphics.Color)	4290098409 (0xFFB5B4E9)
YUV	186.3410, 23.0029, -4.6841
Hunter-Lab	69.5338, 6.8897, -22.7667

Details

The Hex color **B5B4E9** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E8E9B4**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **EDECFF**, and **7F7FB1** is the 20% darker color. If you saturate the color by 10%, you get **9E9DE9**, and if you desaturate by 10%, it is **CCCBE9**.

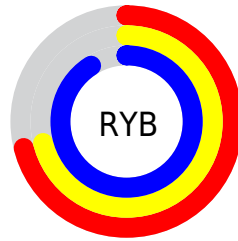
Distribution



Red (71%)

Green (71%)

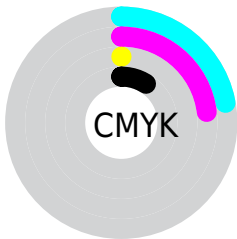
Blue (91%)



Red (71%)

Yellow (71%)

Blue (91%)

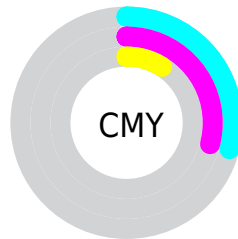


Cyan (22%)

Magenta (23%)

Yellow (0%)

Black (9%)



Cyan (29%)

Magenta (29%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5B4E9 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 B5B4E9 by changing the saturation by 10% instead.

 B5B4E9

 B5B4E9

FFFFFF

 9A99CD

 EDECFE

 7F7FB1

 656696

 4C4E7C

 343863

 1C224B

 030D34

 00021F

 000001

 B5B4E9

 B5B4E9

 9E9DE9

 CCCBE9

 8785E9

 E3E3E9

 706EE9


 FAFAE9

 5A57E9

 FFFFE9

 4340E9

 2C28E9

 1511E9

 0400E9

Harmonies

Analogous

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



8FBDED



B5B4E9



D5ABD8

Triad

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



B5B4E9



E5AC8F



7BC7B2

Complementary

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



B5B4E9



E8E9B4

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.



98C499



B5B4E9



D1B585

Square

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



B5B4E9



EEA6A5



B6BE88



69C7CD

Rectangle

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



B5B4E9



E4A7C8



B6BE88



84C6A9

Sweetspot

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



B5B4E9



EDEDFF



B4E8E9



757580



000000



808080

Same Dimension

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



B5B4E9



BBBAFF



CFB4E9



6A6A75



0300B5



010036

Inverse Universe

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



E9B4E8



FFBAFE



CEE9B4



756A75



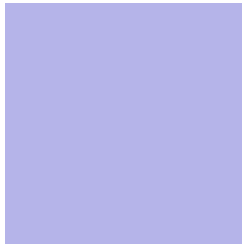
B500B2



360035

Previews

White Background



This preview shows how the Hex color B5B4E9 looks on a white background.

Color Contrast Check

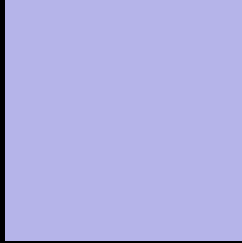
Large Text (above 18pt) WCAG AA × Fail

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 B5B4E9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

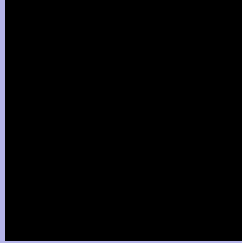
Any Text WCAG AA ✓ Pass

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 B5B4E9 Background



This preview shows how black text looks on a background with the Hex color B5B4E9.



This preview shows how white text looks on a background with the Hex color B5B4E9.

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
B5B4E9

Protanopia
ABB7EB

Deuteranopia
B2B5E9

Trichromacy



Original Color
B5B4E9

Protanomaly
AFB6EA

Deuteranomaly
B3B5E9

Tritanomaly
B1B8D5

Monochromacy



Original Color
B5B4E9

Achromatopsia
BABABA

Achromatomaly
B8B8CB

CSS Examples

Text

The CSS property to change the color of the text to Hex B5B4E9 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 #B5B4E9 looks like.

```
.text, #text, p{  
    color:#B5B4E9  
}
```

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 #B5B4E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5B4E9
}
```

Border

The CSS property to change the border of an element to Hex B5B4E9 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
#B5B4E9 }
```

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

```
.border{ border-color:#B5B4E9 }
```

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

Here you see how a box with a 4 pixel #B5B4E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5B4E9; -webkit-box-shadow:4px 4px  
4px 4px #B5B4E9; box-shadow:4px 4px 4px  
4px #B5B4E9 }
```

Background

The CSS property to change the background color of an element to Hex B5B4E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5B4E9 }
```

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

```
.background{ background-color:#B5B4E9 }
```

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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