

Converting Colors

Hex(B5C0E9)

Have a look what the booklet for
Hex(B5C0E9) contains.

Hex(B5C0E9)	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(B5C0E9)

Conversions

Conversions Part 1

Format	Color
Hex	B5C0E9
RGB	181, 192, 233
RGB Percent	71%, 75%, 91%
CMY	0.2902, 0.2471, 0.0863
CMYK	0.22, 0.18, 0.00, 0.09
HSL	227°, 54%, 81%
HSV	227°, 22%, 91%
XYZ	52.6137, 53.4062, 84.6262
YIQ	193.3850, -19.7170, 10.4190

Conversions

Conversions Part 2

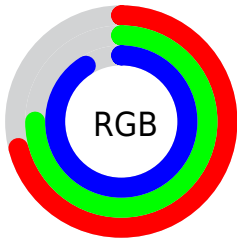
Format	Color
R_{YB}	181, 190, 233
Decimal	11911401
CIE _{Lab}	78.11, 4.88, -21.62
CIE _{LCh}	78, 22.162, 282.711
Yxy	53.4062, 0.2760, 0.2801
Android (android.graphics.Color)	4290101481 (0xFFB5C0E9)
YUV	193.3850, 19.5302, -10.8616
Hunter-Lab	73.0796, 0.6219, -17.5022

Details

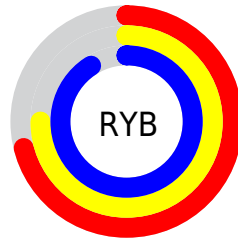
The Hex color **B5C0E9** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E9DEB5**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **EDF8FF**, and **7F8BB1** is the 20% darker color. If you saturate the color by 10%, you get **9EAEE9**, and if you desaturate by 10%, it is **CCD2E9**.

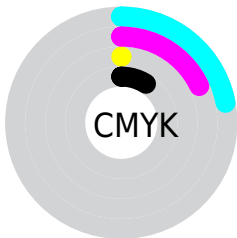
Distribution



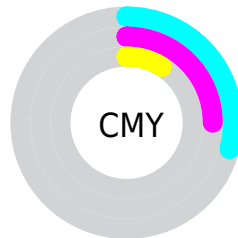
- Red (71%)
- Green (75%)
- Blue (91%)



- Red (71%)
- Yellow (75%)
- Blue (91%)



- Cyan (22%)
- Magenta (18%)
- Yellow (0%)
- Black (9%)



- Cyan (29%)
- Magenta (25%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5C0E9 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 B5C0E9 by changing the saturation by 10% instead.

 B5C0E9

 B5C0E9

FFFFFF

 9AA5CD

 EDF8FF

 7F8BB1

 667196

 4D597D

 354263

 1D2C4B

 031735

 00021F

 000003

 B5C0E9

 B5C0E9

 9EAEE9

 CCD2E9

 869BE9

 E4E5E9

 6F89E9

 FBF7E9

 5877E9

 FFFFE9

 4164E9

 2952E9

 123FE9

 0031E9

Harmonies

Analogous

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



9BC7E8



B5C0E9



D0B9DF

Triad

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



B5C0E9



E9B6A6



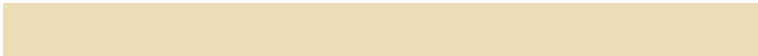
9ACCB4

Complementary

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



B5C0E9



E9DEB5

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.



B0C8A3



B5C0E9



DCBC9A

Square

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



B5C0E9



ECB3B9



C8C399



8BCDC9

Rectangle

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



B5C0E9



DEB5D4



C8C399



A1CBAE

Sweetspot

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



B5C0E9



EDF1FF



B5E9DE



757780



000000



808080

Same Dimension

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



B5C0E9



BAC9FF



C4B5E9



6A6C75



0026B5



000B36

Inverse Universe

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



E9B5C0



FFBAC9



DAE9B5



756A6C



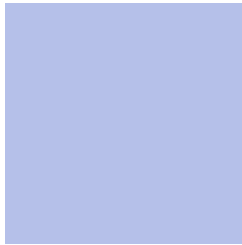
B50026



36000B

Previews

White Background



This preview shows how the Hex color B5C0E9 looks on a white background.

Color Contrast Check

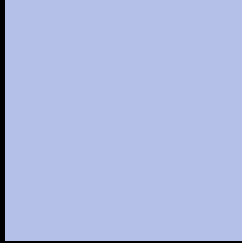
Large Text (above 18pt) WCAG AA × Fail

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 B5C0E9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

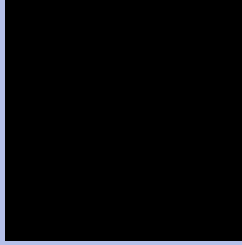
Any Text WCAG AA ✓ Pass

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 B5C0E9 Background



This preview shows how black text looks on a background with the Hex color B5C0E9.



This preview shows how white text looks on a background with the Hex color B5C0E9.

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
B5C0E9

Protanopia
B8BFE8

Deuteranopia
BFBDEA

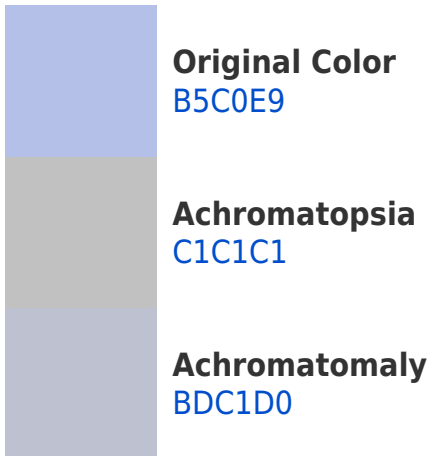


Tritanopia
B1C4D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5C0E9 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 #B5C0E9 looks like.

```
.text, #text, p{  
    color:#B5C0E9  
}
```

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 #B5C0E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5C0E9
}
```

Border

The CSS property to change the border of an element to Hex B5C0E9 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
#B5C0E9 }
```

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

```
.border{ border-color:#B5C0E9 }
```

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

Here you see how a box with a 4 pixel #B5C0E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5C0E9; -webkit-box-shadow:4px 4px  
4px 4px #B5C0E9; box-shadow:4px 4px 4px  
4px #B5C0E9 }
```

Background

The CSS property to change the background color of an element to Hex B5C0E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5C0E9 }
```

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

```
.background{ background-color:#B5C0E9 }
```

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