

Converting Colors

Hex(B5BCE3)

Have a look what the booklet for
Hex(B5BCE3) contains.

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Color

Hex(B5BCE3)

Conversions

Conversions Part 1

Format	Color
Hex	B5BCE3
RGB	181, 188, 227
RGB Percent	71%, 74%, 89%
CMY	0.2902, 0.2627, 0.1098
CMYK	0.20, 0.17, 0.00, 0.11
HSL	231°, 45%, 80%
HSV	231°, 20%, 89%
XYZ	50.9044, 51.3362, 79.8990
YIQ	190.3530, -16.6910, 10.6450

Conversions

Conversions Part 2

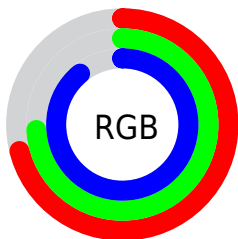
Format	Color
R_{YB}	181, 187, 227
Decimal	11910371
CIE _{Lab}	76.88, 5.69, -20.25
CIE _{LCh}	77, 21.038, 285.698
Yxy	51.3362, 0.2795, 0.2819
Android (android.graphics.Color)	4290100451 (0xFFB5BCE3)
YUV	190.3530, 18.0670, -8.2026
Hunter-Lab	71.6493, 1.4319, -15.9621

Details

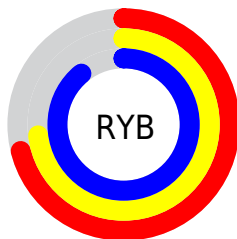
The Hex color **B5BCE3** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E3DCB5**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **EDF4FF**, and **8087AC** is the 20% darker color. If you saturate the color by 10%, you get **9EA9E3**, and if you desaturate by 10%, it is **CCCFE3**.

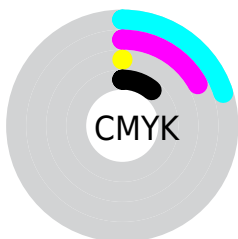
Distribution



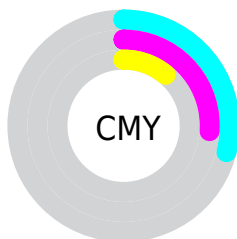
- Red (71%)
- Green (74%)
- Blue (89%)



- Red (71%)
- Yellow (73%)
- Blue (89%)



- Cyan (20%)
- Magenta (17%)
- Yellow (0%)
- Black (11%)



- Cyan (29%)
- Magenta (26%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5BCE3 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 B5BCE3 by changing the saturation by 10% instead.

 B5BCE3

 B5BCE3

FFFFFF

 9AA1C7

 EDF4FF

 8087AC

 666E91

 4D5577

 353E5E

 1E2947

 061430

 00011B

 000000

 B5BCE3

 B5BCE3

 9EA9E3

 CCCFE3

 8896E3

 E2E2E3

 7182E3

 F9F6E3

 5A6FE3

 FFFFE3

 445CE3

 2D49E3

 1635E3

 0023E3

Harmonies

Analogous

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



9CC2E3



B5BCE3



CEB6D9

Triad

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



B5BCE3



E3B3A3



97C8B4

Complementary

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



B5BCE3



E3DCB5

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.



ACC5A2



B5BCE3



D6B998

Square

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



B5BCE3



E6B0B4



C2C098



8AC9C8

Rectangle

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



B5BCE3



DAB2CE



C2C098



9EC8AD

Sweetspot

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



B5BCE3



F0F2FF



B5E3DB



777880



000000



808080

Same Dimension

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



B5BCE3



C2CBFF



C4B5E3



676973



001BB3



000833

Inverse Universe

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



E3B5BC



FFC2CB



D4E3B5



736769



B3001B



330008

Previews

White Background



This preview shows how the Hex color B5BCE3 looks on a white background.

Color Contrast Check

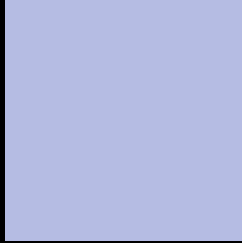
Large Text (above 18pt) WCAG AA × Fail

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 B5BCE3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

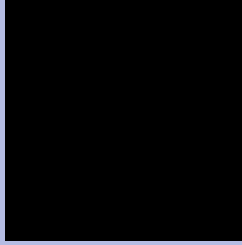
Any Text WCAG AA ✓ Pass

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 B5BCE3 Background



This preview shows how black text looks on a background with the Hex color B5BCE3.



This preview shows how white text looks on a background with the Hex color B5BCE3.

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

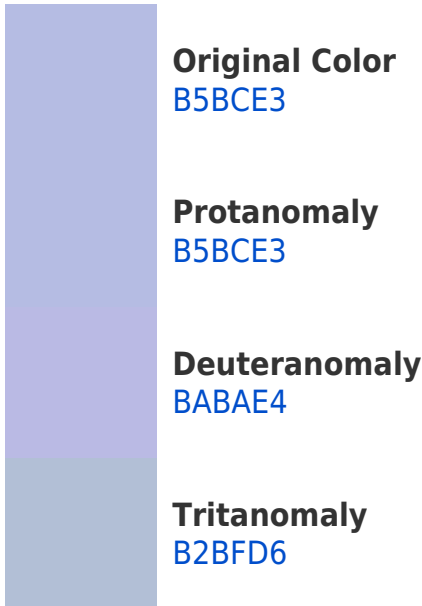


Original Color
B5BCE3

Protanopia
B5BCE3

Deuteranopia
BDB9E4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5BCE3 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 #B5BCE3 looks like.

```
.text, #text, p{  
    color:#B5BCE3  
}
```

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 #B5BCE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5BCE3
}
```

Border

The CSS property to change the border of an element to Hex B5BCE3 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
#B5BCE3 }
```

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

```
.border{ border-color:#B5BCE3 }
```

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

Here you see how a box with a 4 pixel #B5BCE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5BCE3; -webkit-box-shadow:4px 4px  
4px 4px #B5BCE3; box-shadow:4px 4px 4px  
4px #B5BCE3 }
```

Background

The CSS property to change the background color of an element to Hex B5BCE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5BCE3 }
```

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

```
.background{ background-color:#B5BCE3 }
```

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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