

# Converting Colors

Hex(B5C4EE)

Have a look what the booklet for  
Hex(B5C4EE) contains.

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# Color

Hex(B5C4EE)

# Conversions

## Conversions Part 1

Format	Color
Hex	B5C4EE
RGB	181, 196, 238
RGB Percent	71%, 77%, 93%
CMY	0.2902, 0.2314, 0.0667
CMYK	0.24, 0.18, 0.00, 0.07
HSL	224°, 63%, 82%
HSV	224°, 24%, 93%
XYZ	54.2286, 55.4767, 88.7388
YIQ	196.3030, -22.4220, 9.8820

# Conversions

## Conversions Part 2

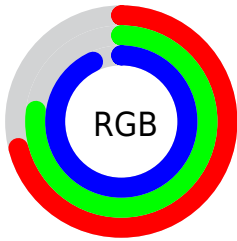
Format	Color
R <sub>Y</sub> B	181, 193, 238
Decimal	11912430
CIE Lab	79.32, 3.86, -22.48
CIE LCh	79, 22.809, 279.740
Yxy	55.4767, 0.2733, 0.2796
Android (android.graphics.Color)	4290102510 (0xFFB5C4EE)
YUV	196.3030, 20.5566, -13.4207
Hunter-Lab	74.4827, -0.3841, -18.5004

# Details

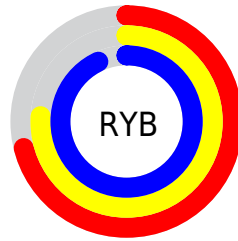
The Hex color **B5C4EE** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **EEDFB5**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **EEFDFF**, and **7F8EB6** is the 20% darker color. If you saturate the color by 10%, you get **9DB2EE**, and if you desaturate by 10%, it is **CDD6EE**.

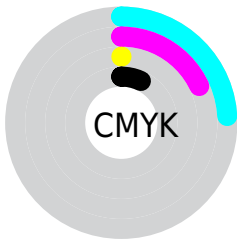
# Distribution



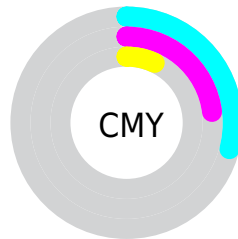
- Red (71%)
- Green (77%)
- Blue (93%)



- Red (71%)
- Yellow (76%)
- Blue (93%)



- Cyan (24%)
- Magenta (18%)
- Yellow (0%)
- Black (7%)



- Cyan (29%)
- Magenta (23%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5C4EE 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 B5C4EE by changing the saturation by 10% instead.



 B5C4EE

 B5C4EE

FFFFFF

 9AA9D2

 EEFDFD

 7F8EB6

 65759B

 4C5C81

 344568

 1B2F50

 001A38

 000123

 00000A

 B5C4EE

 B5C4EE

 9DB2EE

 CDD6EE

 85A1EE

 E5E7EE

 6E8FEE

 FCF9EE

 567EEE

 FFFFEE

 3E6CEE

 265BEE

 0E49EE

 003FEE

# Harmonies

## Analogous

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



9ACBEC



B5C4EE



D1BDE5

# Triad

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



B5C4EE



EEB8AA



9ECFB5

# Complementary

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



B5C4EE



EEDFB5

# 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.



B6CBA3



B5C4EE



E2BE9D

# Square

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



B5C4EE



F0B5BE



CEC59B



8DD1CB

# Rectangle

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



B5C4EE



E0B9DA



CEC59B



A6CEAE



# Sweetspot

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



B5C4EE



EDF2FF



B5EEDF



757880



000000



808080



# Same Dimension

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



B5C4EE



B5C9FF



C2B5EE



6C6F78



0030B8



000F38



# Inverse Universe

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



EEB5C4



FFB5C9



E1EEB5



786C6F



B80030

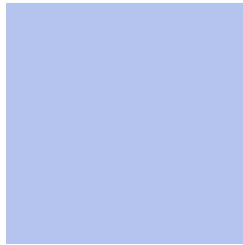


38000F



# Previews

## White Background



This preview shows how the Hex color B5C4EE looks on a white background.

## Color Contrast Check

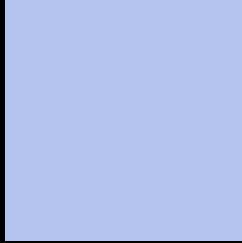
Large Text (above 18pt) WCAG AA × Fail

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 B5C4EE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

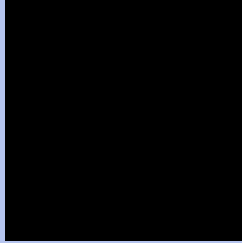
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B5C4EE Background



This preview shows how black text looks on a background with the Hex color B5C4EE.



This preview shows how white text looks on a background with the Hex color B5C4EE.

# 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**  
B5C4EE

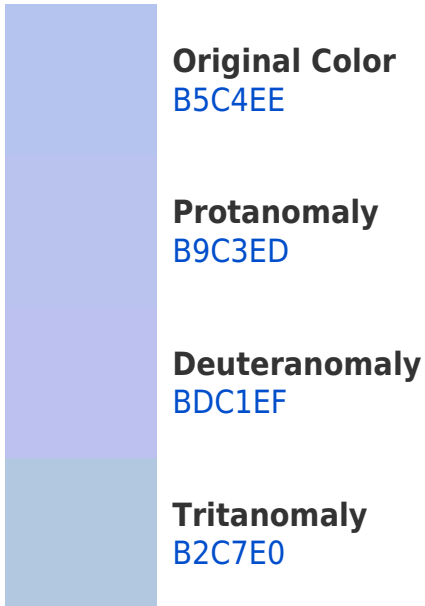
**Protanopia**  
BBC2ED

**Deuteranopia**  
C2C0EF

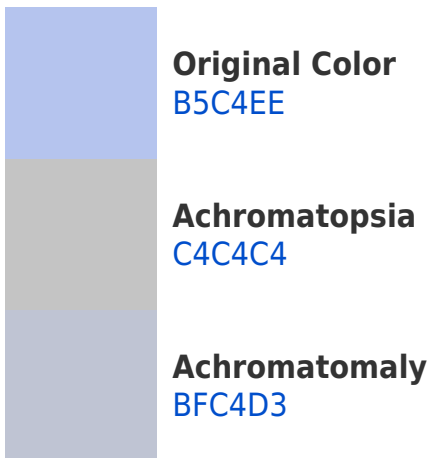


**Tritanopia**  
B1C8D8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5C4EE 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 #B5C4EE looks like.

```
.text, #text, p{  
    color:#B5C4EE  
}
```

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 #B5C4EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5C4EE }  
}
```

## Border

The CSS property to change the border of an element to Hex B5C4EE 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 #B5C4EE }  
}
```

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

```
.border{ border-color:#B5C4EE }
```

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

Here you see how a box with a 4 pixel #B5C4EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5C4EE; -webkit-box-shadow:4px 4px  
4px 4px #B5C4EE; box-shadow:4px 4px 4px  
4px #B5C4EE }
```

# Background

The CSS property to change the background color of an element to Hex B5C4EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5C4EE }
```

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

```
.background{ background-color:#B5C4EE }
```

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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