

# Converting Colors

Hex(B4C5EC)

Have a look what the booklet for  
Hex(B4C5EC) contains.

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# **Color**

**Hex(B4C5EC)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | B4C5EC                     |
| RGB           | 180, 197, 236              |
| RGB Percent   | 71%, 77%, 93%              |
| CMY           | 0.2941, 0.2275, 0.0745     |
| CMYK          | 0.24, 0.17, 0.00, 0.07     |
| HSL           | 222°, 60%, 82%             |
| HSV           | 222°, 24%, 93%             |
| XYZ           | 53.9290, 55.6919, 87.2641  |
| YIQ           | 196.3630, -22.6510, 8.5250 |

# Conversions

## Conversions Part 2

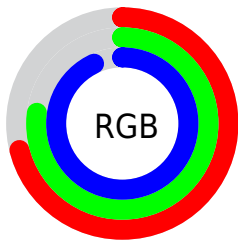
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 180, 193, 236                  |
| Decimal                             | 11847148                       |
| CIE <sub>Lab</sub>                  | 79.44, 2.56, -21.23            |
| CIE <sub>LCh</sub>                  | 79, 21.381, 276.884            |
| Yxy                                 | 55.6919, 0.2739,<br>0.2829     |
| Android<br>(android.graphics.Color) | 4290037228<br>(0xFFB4C5EC)     |
| YUV                                 | 196.3630, 19.5410,<br>-14.3504 |
| Hunter-Lab                          | 74.6270, -1.6049,<br>-17.0911  |

# Details

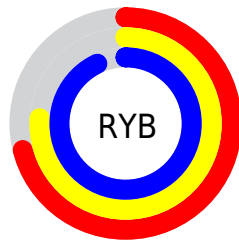
The Hex color **B4C5EC** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **ECDBB4**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **ECFEFF**, and **7E8FB4** is the 20% darker color. If you saturate the color by 10%, you get **9CB5EC**, and if you desaturate by 10%, it is **CCD5EC**.

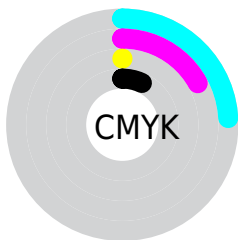
# Distribution



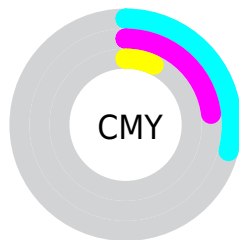
- Red (71%)
- Green (77%)
- Blue (93%)



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



- Cyan (24%)
- Magenta (17%)
- Yellow (0%)
- Black (7%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color B4C5EC 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 B4C5EC by changing the saturation by 10% instead.



 B4C5EC

 B4C5EC

FFFFFF

 99AAD0

 ECFEFF

 7E8FB4

 647699

 4B5D7F

 334666

 1A304E

 001B37

 000222

 000007

 B4C5EC

 B4C5EC

 9CB5EC

 CCD5EC

 85A4EC

 E3E6EC

 6D94EC

 FBF6EC

 5683EC

 FFFFEC

 3E73EC

 2662EC

 0F52EC

 0048EC

# Harmonies

## Analogous

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



9CCBE9



B4C5EC



CEBEE5

# Triad

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



B4C5EC



EDB9AE



A3CFB5

# Complementary

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



B4C5EC



ECDBB4

# 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.



B9CBA5



B4C5EC



E2BEA1

# Square

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



B4C5EC



EDB7C1



D0C59D



93D0C9

# Rectangle

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



B4C5EC



DDBADB



D0C59D



AACEAF

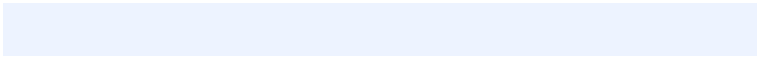


# Sweetspot

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



B4C5EC



EDF3FF



B4ECDA



757880



000000



808080



# Same Dimension

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



B4C5EC



B8CDFF



BEB4EC



6A6D75



0037B5



001036



# Inverse Universe

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



ECB4C5



FFB8CD



E2ECB4



756A6D



B50037

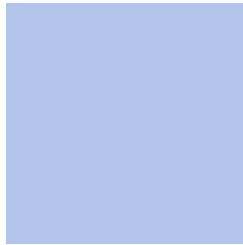


360010



# Previews

## White Background



This preview shows how the Hex color B4C5EC looks on a white background.

## Color Contrast Check

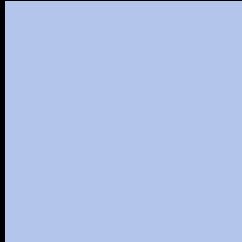
Large Text (above 18pt) WCAG AA × Fail

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 B4C5EC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

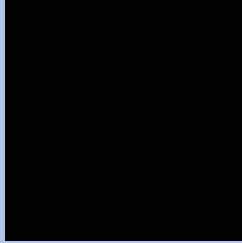
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B4C5EC Background



This preview shows how black text looks on a background with the Hex color B4C5EC.



This preview shows how white text looks on a background with the Hex color B4C5EC.

# 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](#).

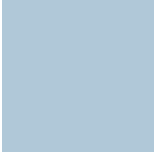
## Dichromacy



**Original Color**  
B4C5EC

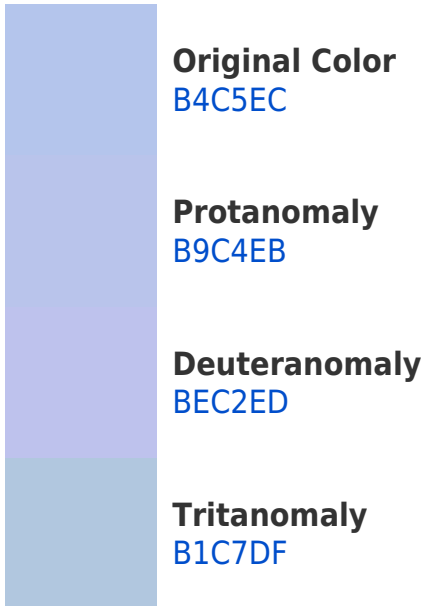
**Protanopia**  
BCC3EA

**Deuteranopia**  
C4C0ED

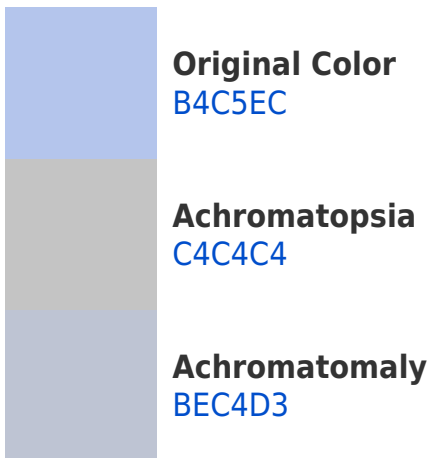


**Tritanopia**  
B0C8D8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4C5EC 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 #B4C5EC looks like.

```
.text, #text, p{  
    color:#B4C5EC  
}
```

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 #B4C5EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4C5EC  
}
```

## Border

The CSS property to change the border of an element to Hex B4C5EC 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  
#B4C5EC }
```

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

```
.border{ border-color:#B4C5EC }
```

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

Here you see how a box with a 4 pixel #B4C5EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4C5EC; -webkit-box-shadow:4px 4px  
4px 4px #B4C5EC; box-shadow:4px 4px 4px  
4px #B4C5EC }
```

# Background

The CSS property to change the background color of an element to Hex B4C5EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4C5EC }
```

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

```
.background{ background-color:#B4C5EC }
```

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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