

# Converting Colors

Hex(B2C4EB)

Have a look what the booklet for  
Hex(B2C4EB) contains.

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# Color

Hex(**B2C4EB**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B2C4EB
RGB	178, 196, 235
RGB Percent	70%, 77%, 92%
CMY	0.3020, 0.2314, 0.0784
CMYK	0.24, 0.17, 0.00, 0.08
HSL	221°, 59%, 81%
HSV	221°, 24%, 92%
XYZ	53.0954, 54.9430, 86.4039
YIQ	195.0640, -23.2470, 8.3130

# Conversions

## Conversions Part 2

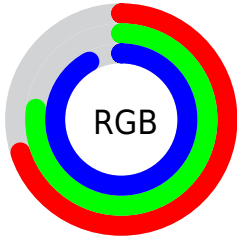
Format	Color
R <sub>Y</sub> B	178, 192, 235
Decimal	11715819
CIE Lab	79.01, 2.27, -21.36
CIE LCh	79, 21.476, 276.071
Yxy	54.9430, 0.2731, 0.2826
Android (android.graphics.Color)	4289905899 (0xFFB2C4EB)
YUV	195.0640, 19.6884, -14.9651
Hunter-Lab	74.1235, -1.8549, -17.2263

# Details

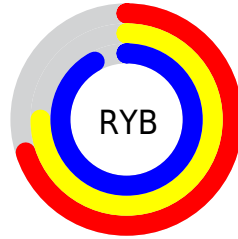
The Hex color **B2C4EB** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **EBD9B2**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **EAFDFF**, and **7C8EB3** is the 20% darker color. If you saturate the color by 10%, you get **9BB4EB**, and if you desaturate by 10%, it is **CAD4EB**.

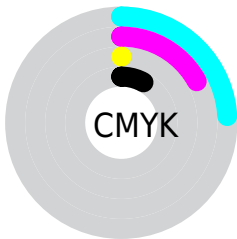
# Distribution



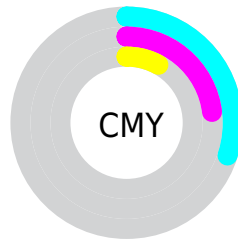
- Red (70%)
- Green (77%)
- Blue (92%)



- Red (70%)
- Yellow (75%)
- Blue (92%)



- Cyan (24%)
- Magenta (17%)
- Yellow (0%)
- Black (8%)



- Cyan (30%)
- Magenta (23%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2C4EB 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 B2C4EB by changing the saturation by 10% instead.



 B2C4EB

 B2C4EB

FFFFFF

 97A9CF

 EAFDFF

 7C8EB3

 637598

 4A5C7E

 314565

 182F4D

 001A36

 000221

 000006

 B2C4EB

 B2C4EB

 9BB4EB

 CAD4EB

 83A4EB

 E1E4EB

 6C94EB

 F9F4EB

 5484EB

 FFFFEB

 3C74EB

 2564EB

 0E53EB

 004AEB

# Harmonies

## Analogous

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



9ACAE8



B2C4EB



CCBDE4

# Triad

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



B2C4EB



ECB8AD



A2CEB3

# Complementary

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



B2C4EB



EBD9B2

# 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.



B9CAA3



B2C4EB



E1BDA0

# Square

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



B2C4EB



ECB6C0



CFC49C



92CFC7

# Rectangle

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



B2C4EB



DBB9DA



CFC49C



A9CDAD



# Sweetspot

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



B2C4EB



EDF3FF



B2EBD9



757980



000000



808080



# Same Dimension

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



B2C4EB



B5CCFF



BCB2EB



6A6D75



0039B5



001136



# Inverse Universe

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



EBB2C4



FFB5CC



E1EBB2



756A6D



B50039

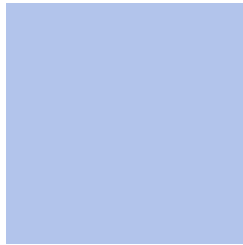


360011



# Previews

## White Background



This preview shows how the Hex color B2C4EB looks on a white background.

## Color Contrast Check

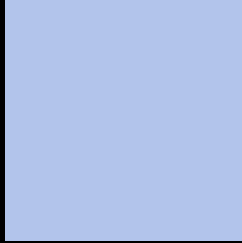
Large Text (above 18pt) WCAG AA × Fail

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 B2C4EB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

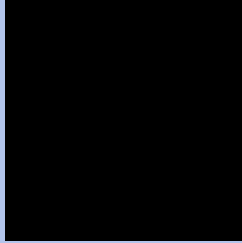
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B2C4EB Background



This preview shows how black text looks on a background with the Hex color B2C4EB.



This preview shows how white text looks on a background with the Hex color B2C4EB.

# 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**  
B2C4EB

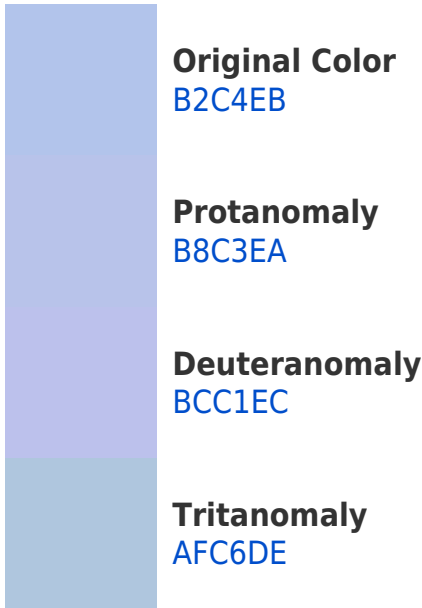
**Protanopia**  
BBC2E9

**Deuteranopia**  
C2BFEC

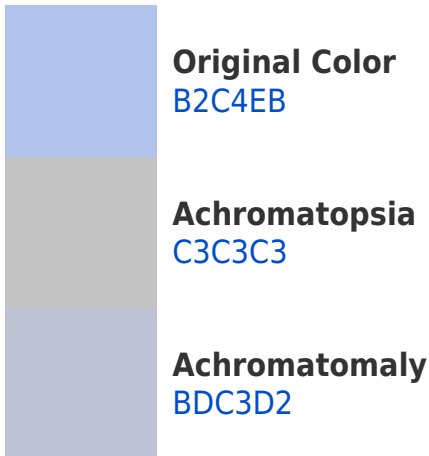


**Tritanopia**  
AEC7D7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2C4EB 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 #B2C4EB looks like.

```
.text, #text, p{  
    color:#B2C4EB  
}
```

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 #B2C4EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2C4EB
}
```

## Border

The CSS property to change the border of an element to Hex B2C4EB 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
#B2C4EB }
```

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

```
.border{ border-color:#B2C4EB }
```

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

Here you see how a box with a 4 pixel #B2C4EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2C4EB; -webkit-box-shadow:4px 4px  
4px 4px #B2C4EB; box-shadow:4px 4px 4px  
4px #B2C4EB }
```

# Background

The CSS property to change the background color of an element to Hex B2C4EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2C4EB }
```

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

```
.background{ background-color:#B2C4EB }
```

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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