

# Converting Colors

Hex(BAC3EB)

Have a look what the booklet for  
Hex(BAC3EB) contains.

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# **Color**

**Hex(BAC3EB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BAC3EB
RGB	186, 195, 235
RGB Percent	73%, 76%, 92%
CMY	0.2706, 0.2353, 0.0784
CMYK	0.21, 0.17, 0.00, 0.08
HSL	229°, 55%, 83%
HSV	229°, 21%, 92%
XYZ	54.7602, 55.4675, 86.4174
YIQ	196.8690, -18.2040, 10.5320

# Conversions

## Conversions Part 2

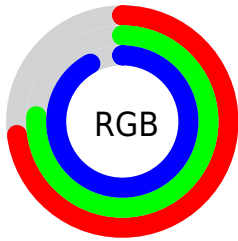
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	186, 194, 235
Decimal	12239851
CIE <sub>Lab</sub>	79.31, 5.23, -20.85
CIE <sub>LCh</sub>	79, 21.492, 284.090
Yxy	55.4675, 0.2785, 0.2821
Android (android.graphics.Color)	4290429931 (0xFFBAC3EB)
YUV	196.8690, 18.7986, -9.5321
Hunter-Lab	74.4765, 0.9115, -16.6625

# Details

The Hex color **BAC3EB** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **EBE2BA**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **F3FBFF**, and **848DB3** is the 20% darker color. If you saturate the color by 10%, you get **A3B0EB**, and if you desaturate by 10%, it is **D2D6EB**.

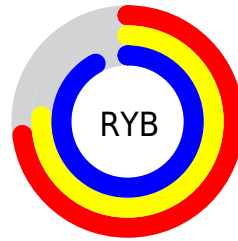
# Distribution



Red (73%)

Green (76%)

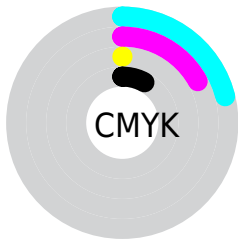
Blue (92%)



Red (73%)

Yellow (76%)

Blue (92%)

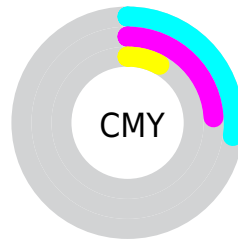


Cyan (21%)

Magenta (17%)

Yellow (0%)

Black (8%)



Cyan (27%)

Magenta (24%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BAC3EB 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 BAC3EB by changing the saturation by 10% instead.



 BAC3EB

 BAC3EB


FFFFFF

 9FA8CF

 F3FBFF

 848DB3

 6A7498

 515B7E

 394465

 222E4D

 091936

 000021

 000006

 BAC3EB

 BAC3EB

 A3B0EB

 D2D6EB

 8B9DEB

 E9E9EB

 7389EB

 FFFDEB

 5C76EB

 FFFFEB

 4563EB

 2D50EB

 153DEB

 002BEB

# Harmonies

## Analogous

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



A0C9EA



BAC3EB



D4BCE1

# Triad

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



BAC3EB



EBBAA9



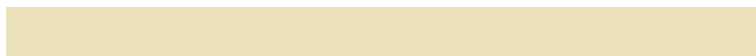
9ECFB9

# Complementary

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



BAC3EB



EBE2BA

# 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.



B3CCA7



BAC3EB



DEC09E

# Square

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



BAC3EB



EEB6BC



CAC69E



90D0CD

# Rectangle

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



BAC3EB



E1B9D6



CAC69E



A4CEB2



# Sweetspot

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



BAC3EB



F0F3FF



BAEBE1



777880



000000



808080



# Same Dimension

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



BAC3EB



BFCBFF



C9BAEB



6A6C75



0021B5



000A36



# Inverse Universe

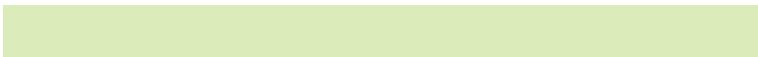
The Inverse Universe completely reimagines the original color for something new.



EBBAC3



FFBFCB



DCEBBA



756A6C



B50021

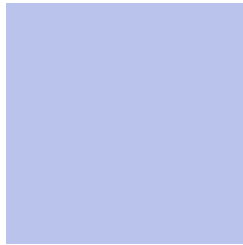


36000A



# Previews

## White Background



This preview shows how the Hex color BAC3EB looks on a white background.

## Color Contrast Check

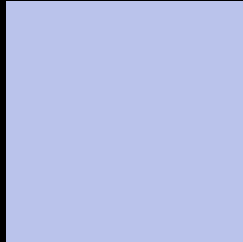
Large Text (above 18pt) WCAG AA × Fail

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 BAC3EB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

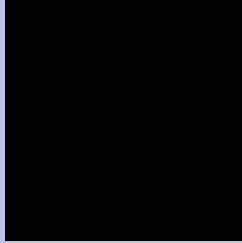
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BAC3EB Background



This preview shows how black text looks on a background with the Hex color BAC3EB.



This preview shows how white text looks on a background with the Hex color BAC3EB.

# 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**  
BAC3EB

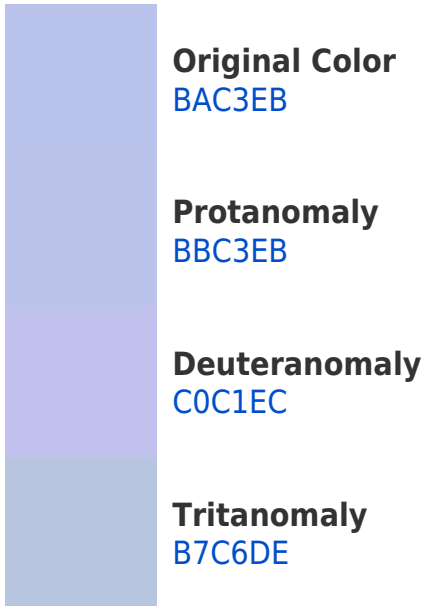
**Protanopia**  
BCC3EB

**Deuteranopia**  
C4C0EC

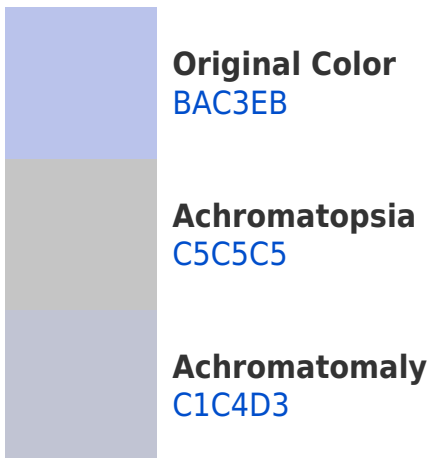


**Tritanopia**  
B6C7D6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BAC3EB 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 #BAC3EB looks like.

```
.text, #text, p{  
    color:#BAC3EB  
}
```

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 #BAC3EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BAC3EB
}
```

## Border

The CSS property to change the border of an element to Hex BAC3EB 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
#BAC3EB }
```

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

```
.border{ border-color:#BAC3EB }
```

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

Here you see how a box with a 4 pixel #BAC3EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BAC3EB; -webkit-box-shadow:4px 4px  
4px 4px #BAC3EB; box-shadow:4px 4px 4px  
4px #BAC3EB }
```

# Background

The CSS property to change the background color of an element to Hex BAC3EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BAC3EB }
```

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

```
.background{ background-color:#BAC3EB }
```

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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