

Converting Colors

Hex(B3C1EA)

Have a look what the booklet for
Hex(B3C1EA) contains.

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Color

Hex(B3C1EA)

Conversions

Conversions Part 1

Format	Color
Hex	B3C1EA
RGB	179, 193, 234
RGB Percent	70%, 76%, 92%
CMY	0.2980, 0.2431, 0.0824
CMYK	0.24, 0.18, 0.00, 0.08
HSL	225°, 57%, 81%
HSV	225°, 24%, 92%
XYZ	52.5117, 53.6641, 85.4325
YIQ	193.4880, -21.5050, 9.7830

Conversions

Conversions Part 2

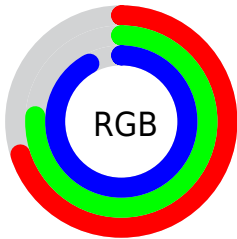
Format	Color
R _Y B	179, 190, 234
Decimal	11780586
CIE Lab	78.27, 3.96, -21.94
CIE LCh	78, 22.294, 280.229
Yxy	53.6641, 0.2741, 0.2801
Android (android.graphics.Color)	4289970666 (0xFFB3C1EA)
YUV	193.4880, 19.9724, -12.7060
Hunter-Lab	73.2558, -0.2443, -17.8662

Details

The Hex color **B3C1EA** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **EADCB3**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **EBF9FF**, and **7D8CB2** is the 20% darker color. If you saturate the color by 10%, you get **9CB0EA**, and if you desaturate by 10%, it is **CAD2EA**.

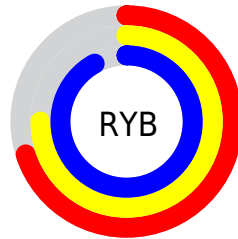
Distribution



Red (70%)

Green (76%)

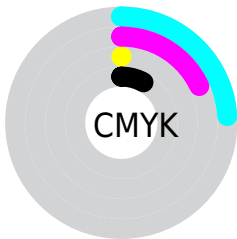
Blue (92%)



Red (70%)

Yellow (75%)

Blue (92%)

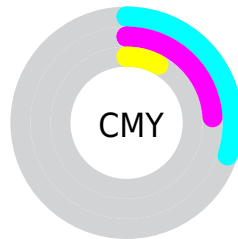


Cyan (24%)

Magenta (18%)

Yellow (0%)

Black (8%)



Cyan (30%)

Magenta (24%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3C1EA 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 B3C1EA by changing the saturation by 10% instead.

 B3C1EA

 B3C1EA

FFFFFF

 98A6CE

 EBF9FF

 7D8CB2

 647297

 4B5A7D

 324264

 1A2C4C

 001835

 000220

 000004

 B3C1EA

 B3C1EA

 9CB0EA

 CAD2EA

 849EEA

 E2E4EA

 6D8DEA

 F9F5EA

 557BEA

 FFFFEA

 3E6AEA

 2758EA

 0F47EA

 003CEA

Harmonies

Analogous

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



99C7E8



B3C1EA



CEBAE1

Triad

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



B3C1EA



EAB6A8



9CCCB3

Complementary

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



B3C1EA



EADCB3

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.



B3C8A2



B3C1EA



DEBC9B

Square

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



B3C1EA



ECB3BB



CAC299



8CCEC8

Rectangle

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



B3C1EA



DDB6D6



CAC299



A3CBAC

Sweetspot

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



B3C1EA



EDF2FF



B3EADB



757880



000000



808080

Same Dimension

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



B3C1EA



B8CAFF



C0B3EA



6A6D75



002EB5



000E36

Inverse Universe

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



EAB3C1



FFB8CA



DDEAB3



756A6D



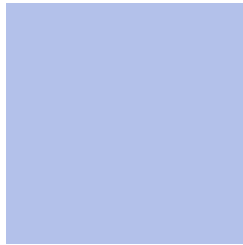
B5002E



36000E

Previews

White Background



This preview shows how the Hex color B3C1EA looks on a white background.

Color Contrast Check

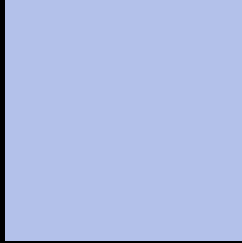
Large Text (above 18pt) WCAG AA × Fail

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 B3C1EA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

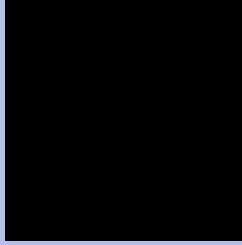
Any Text WCAG AA ✓ Pass

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 B3C1EA Background



This preview shows how black text looks on a background with the Hex color B3C1EA.



This preview shows how white text looks on a background with the Hex color B3C1EA.

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

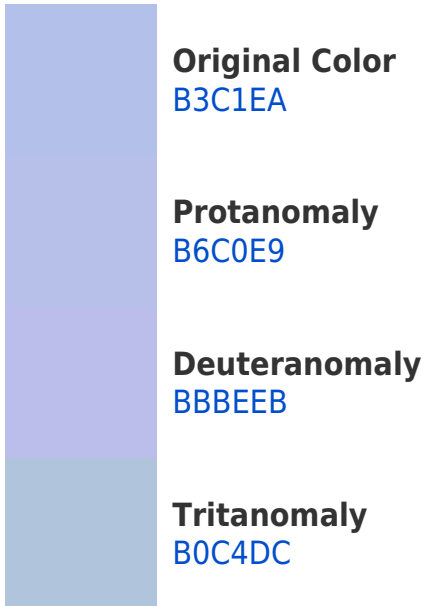


Original Color
B3C1EA

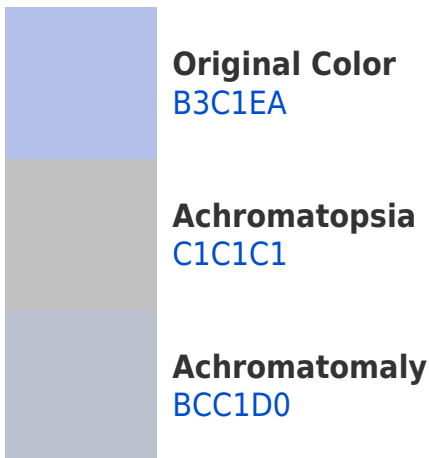
Protanopia
B8C0E9

Deuteranopia
BFBDEB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B3C1EA 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 #B3C1EA looks like.

```
.text, #text, p{  
    color:#B3C1EA  
}
```

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 #B3C1EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3C1EA
}
```

Border

The CSS property to change the border of an element to Hex B3C1EA 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
#B3C1EA }
```

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

```
.border{ border-color:#B3C1EA }
```

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

Here you see how a box with a 4 pixel #B3C1EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3C1EA; -webkit-box-shadow:4px 4px  
4px 4px #B3C1EA; box-shadow:4px 4px 4px  
4px #B3C1EA }
```

Background

The CSS property to change the background color of an element to Hex B3C1EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3C1EA }
```

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

```
.background{ background-color:#B3C1EA }
```

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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