

Converting Colors

Hex(B0C3F3)

Have a look what the booklet for
Hex(B0C3F3) contains.

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Color

Hex(B0C3F3)

Conversions

Conversions Part 1

Format	Color
Hex	B0C3F3
RGB	176, 195, 243
RGB Percent	69%, 76%, 95%
CMY	0.3098, 0.2353, 0.0471
CMYK	0.28, 0.20, 0.00, 0.05
HSL	223°, 74%, 82%
HSV	223°, 28%, 95%
XYZ	53.5973, 54.7314, 92.5334
YIQ	194.7910, -26.7320, 10.9000

Conversions

Conversions Part 2

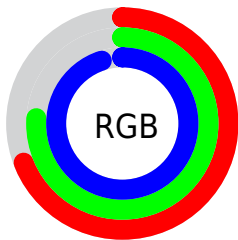
Format	Color
RYB	176, 191, 243
Decimal	11584499
CIELab	78.89, 4.09, -25.84
CIELCh	79, 26.167, 278.995
Yxy	54.7314, 0.2668, 0.2725
Android (android.graphics.Color)	4289774579 (0xFFB0C3F3)
YUV	194.7910, 23.7670, -16.4797
Hunter-Lab	73.9807, -0.1471, -22.3721

Details

The Hex color **B0C3F3** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F3E0B0**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **E9FBFF**, and **7A8DBB** is the 20% darker color. If you saturate the color by 10%, you get **98B2F3**, and if you desaturate by 10%, it is **C8D4F3**.

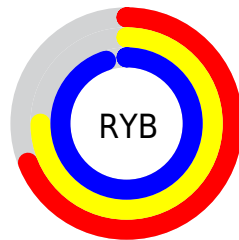
Distribution



Red (69%)

Green (76%)

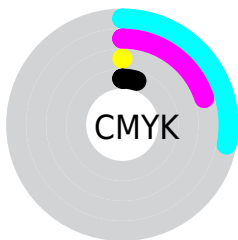
Blue (95%)



Red (69%)

Yellow (75%)

Blue (95%)

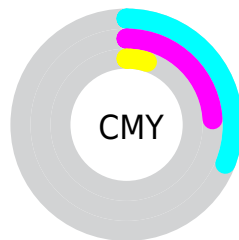


Cyan (28%)

Magenta (20%)

Yellow (0%)

Black (5%)



Cyan (31%)

Magenta (24%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0C3F3 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 B0C3F3 by changing the saturation by 10% instead.

 B0C3F3

 B0C3F3

FFFFFF

 95A8D7

 E9FBFF

 7A8DBB

 6074A0

 465C85

 2D446C

 122E53

 001A3C

 000326

 00010F

 B0C3F3

 B0C3F3

 98B2F3

 C8D4F3

 7FA0F3

 E1E6F3

 678FF3

 F9F7F3

 4F7DF3

 FFFFF3

 376CF3

 1E5BF3

 0649F3

 0045F3

Harmonies

Analogous

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



90CBF0



B0C3F3



D0BBE9

Triad

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



B0C3F3



F3B5A6



97D0B1

Complementary

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



B0C3F3



F3E0B0

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.



B3CB9D



B0C3F3



E5BC96

Square

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



B0C3F3



F5B2BD



CEC493



82D1CA

Rectangle

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



B0C3F3



E2B6DD



CEC493



A0CEAA

Sweetspot

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



B0C3F3



EBF0FF



B0F3DF



737680



000000



808080

Same Dimension

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



B0C3F3



ABC3FF



BDB0F3



6E727A



0035BA



00113B

Inverse Universe

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



F3B0C3



FFABC3



E6F3B0



7A6E72



BA0035



3B0011

Previews

White Background



This preview shows how the Hex color B0C3F3 looks on a white background.

Color Contrast Check

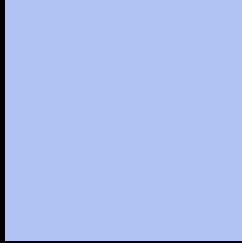
Large Text (above 18pt) WCAG AA × Fail

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 B0C3F3 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

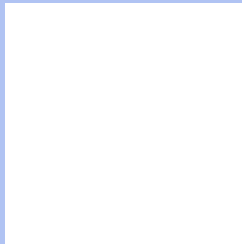
Any Text WCAG AAA ✓ Pass

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

Hex B0C3F3 Background



This preview shows how black text looks on a background with the Hex color B0C3F3.



This preview shows how white text looks on a background with the Hex color B0C3F3.

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

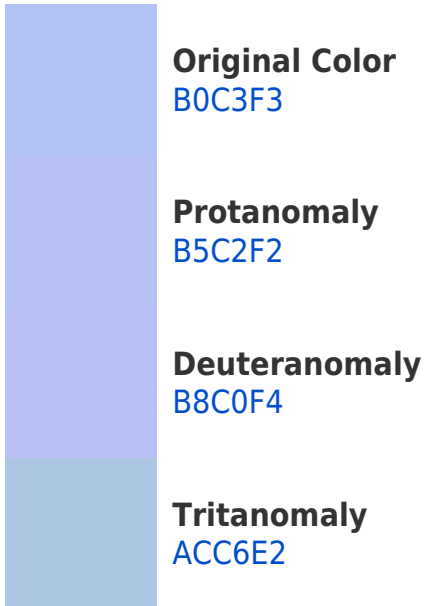


Original Color
B0C3F3

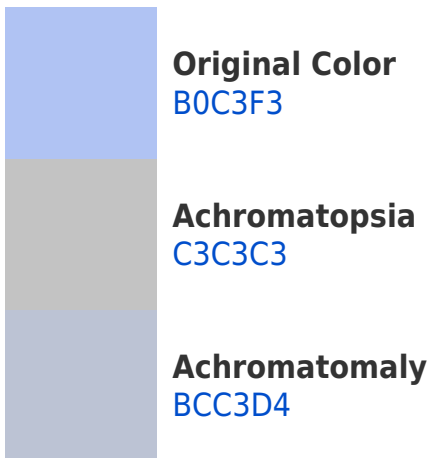
Protanopia
B8C1F2

Deuteranopia
BDBFF4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0C3F3 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 #B0C3F3 looks like.

```
.text, #text, p{  
    color:#B0C3F3  
}
```

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 #B0C3F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0C3F3
}
```

Border

The CSS property to change the border of an element to Hex B0C3F3 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
#B0C3F3 }
```

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

```
.border{ border-color:#B0C3F3 }
```

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

Here you see how a box with a 4 pixel #B0C3F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0C3F3; -webkit-box-shadow:4px 4px  
4px 4px #B0C3F3; box-shadow:4px 4px 4px  
4px #B0C3F3 }
```

Background

The CSS property to change the background color of an element to Hex B0C3F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0C3F3 }
```

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

```
.background{ background-color:#B0C3F3 }
```

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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