

Converting Colors

Hex(B0A8EF)

Have a look what the booklet for
Hex(B0A8EF) contains.

Hex(B0A8EF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B0A8EF)

Conversions

Conversions Part 1

Format	Color
Hex	B0A8EF
RGB	176, 168, 239
RGB Percent	69%, 66%, 94%
CMY	0.3098, 0.3412, 0.0627
CMYK	0.26, 0.30, 0.00, 0.06
HSL	247°, 69%, 80%
HSV	247°, 30%, 94%
XYZ	47.4871, 43.4674, 87.5486
YIQ	178.4860, -18.0230, 23.7770

Conversions

Conversions Part 2

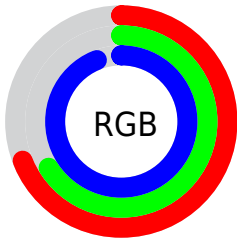
Format	Color
R_{YB}	176, 168, 239
Decimal	11577583
CIE _{Lab}	71.87, 17.99, -34.48
CIE _{LCh}	72, 38.889, 297.562
Yxy	43.4674, 0.2660, 0.2435
Android (android.graphics.Color)	4289767663 (0xFFB0A8EF)
YUV	178.4860, 29.8334, -2.1802
Hunter-Lab	65.9298, 13.1907, -32.5807

Details

The Hex color **B0A8EF** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E7EFA8**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **E9DFFF**, and **7A74B7** is the 20% darker color. If you saturate the color by 10%, you get **9B90EF**, and if you desaturate by 10%, it is **C5C0EF**.

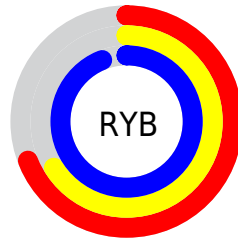
Distribution



Red (69%)

Green (66%)

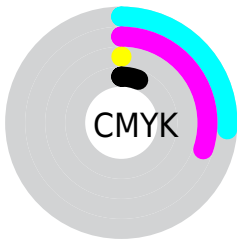
Blue (94%)



Red (69%)

Yellow (66%)

Blue (94%)

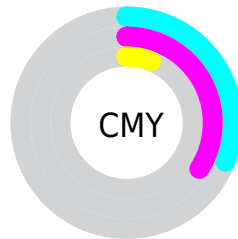


Cyan (26%)

Magenta (30%)

Yellow (0%)

Black (6%)



Cyan (31%)

Magenta (34%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0A8EF 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 B0A8EF by changing the saturation by 10% instead.

 B0A8EF

 B0A8EF

FFFFFF

 958ED3

 E9DFFF

 7A74B7

 FFFCFF

 605B9C

 464481

 2D2E68

 11194F

 000038

 000222

 000008

 B0A8EF

 B0A8EF

 9B90EF

 C5C0EF

 8678EF

 DAD8EF


 7060EF

 F0F0EF

 5B48EF

 FFFFEF

 4631EF

 3119EF

 1C01EF

 1B00EF

Harmonies

Analogous

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



77B5F7



B0A8EF



DA9CD7

Triad

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



B0A8EF



E6A175



4BC3AC

Complementary

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



B0A8EF



E7EFA8

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.



7CBF89



B0A8EF



CAAD69

Square

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



B0A8EF



F59791



A6B870



14C2D0

Rectangle

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



B0A8EF



EC96C0



A6B870



5CC2A0

Sweetspot

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



B0A8EF



EBE8FF



A8E8EF



737180



000000



808080

Same Dimension

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



B0A8EF



AEA3FF



D3A8EF



6D6C78



1500B8



060038

Inverse Universe

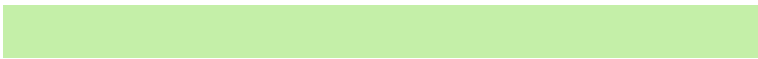
The Inverse Universe completely reimagines the original color for something new.



EFA8E7



FFA3F5



C4EFA8



786C76



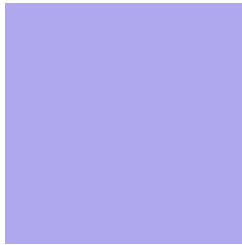
B800A3



380032

Previews

White Background



This preview shows how the Hex color B0A8EF looks on a white background.

Color Contrast Check

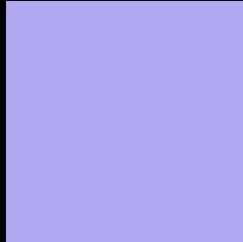
Large Text (above 18pt) WCAG AA × Fail

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 B0A8EF 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 B0A8EF Background



This preview shows how black text looks on a background with the Hex color B0A8EF.

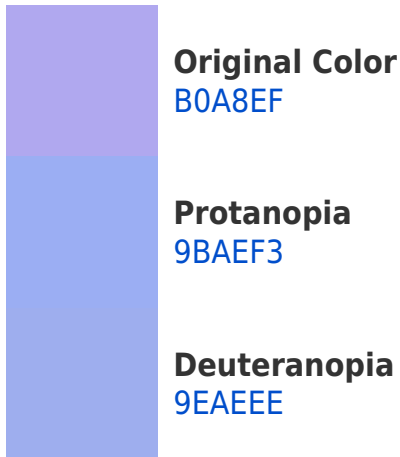


This preview shows how white text looks on a background with the Hex color B0A8EF.

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](#).

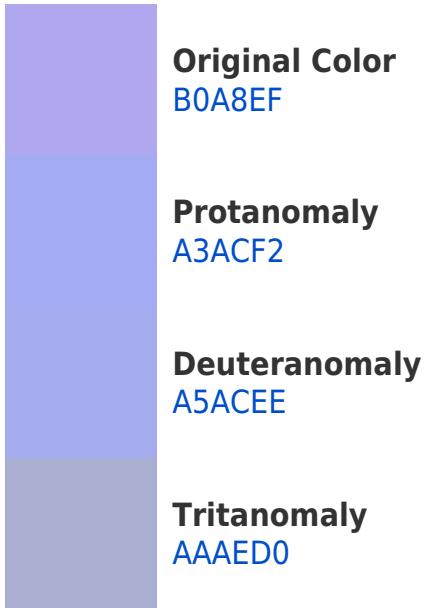
Dichromacy



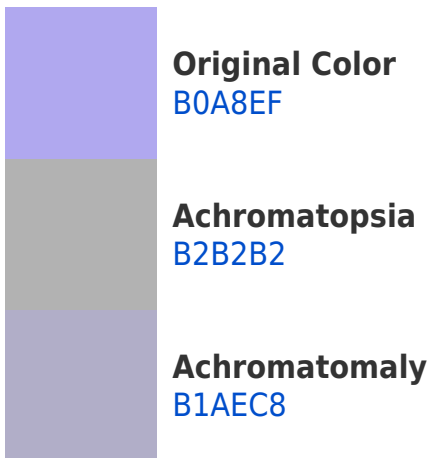


Tritanopia
A7B1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0A8EF 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 #B0A8EF looks like.

```
.text, #text, p{  
    color:#B0A8EF  
}
```

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 #B0A8EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0A8EF
}
```

Border

The CSS property to change the border of an element to Hex B0A8EF 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
#B0A8EF }
```

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

```
.border{ border-color:#B0A8EF }
```

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

Here you see how a box with a 4 pixel #B0A8EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0A8EF; -webkit-box-shadow:4px 4px  
4px 4px #B0A8EF; box-shadow:4px 4px 4px  
4px #B0A8EF }
```

Background

The CSS property to change the background color of an element to Hex B0A8EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0A8EF }
```

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

```
.background{ background-color:#B0A8EF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor