

Converting Colors

Hex(B0AEFF)

Have a look what the booklet for
Hex(B0AEFF) contains.

Hex(B0AEFF)	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(B0AEFF)

Conversions

Conversions Part 1

Format	Color
Hex	B0AEFF
RGB	176, 174, 255
RGB Percent	69%, 68%, 100%
CMY	0.3098, 0.3176, 0.0000
CMYK	0.31, 0.32, 0.00, 0.00
HSL	241°, 100%, 84%
HSV	241°, 32%, 100%
XYZ	51.0905, 46.7222, 100.9333
YIQ	183.8320, -24.8090, 25.6150

Conversions

Conversions Part 2

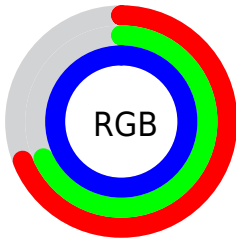
Format	Color
R _Y B	176, 174, 255
Decimal	11579135
CIE Lab	74.01, 18.56, -39.82
CIE LCh	74, 43.929, 294.991
Yxy	46.7222, 0.2571, 0.2351
Android (android.graphics.Color)	4289769215 (0xFFB0AEFF)
YUV	183.8320, 35.0858, -6.8687
Hunter-Lab	68.3536, 13.7999, -39.7020

Details

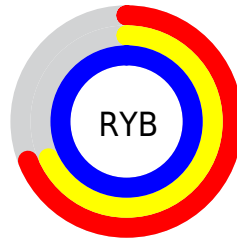
The Hex color **B0AEFF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FDFFAE**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **E9E5FF**, and **797AC6** is the 20% darker color. If you saturate the color by 10%, you get **9794FF**, and if you desaturate by 10%, it is **C9C8FF**.

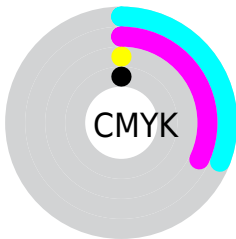
Distribution



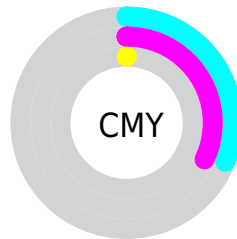
- Red (69%)
- Green (68%)
- Blue (100%)



- Red (69%)
- Yellow (68%)
- Blue (100%)



- Cyan (31%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0AEFF 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 B0AEFF by changing the saturation by 10% instead.

 B0AEFF

 B0AEFF

FFFFFF

 9493E2

 E9E5FF

 797AC6

 5E61AA

 444990

 283376

 031E5D

 000744

 00032D

 000118

 B0AEFF

 B0AEFF

 9794FF

 C9C8FF

 7E7BFF

 E2E1FF

 6562FF

 FBFBFF

 4D48FF

FFFFFF

 342FFF

 1B15FF

 0600FF

Harmonies

Analogous

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



6ABCFF



B0AEFF



E29FE5

Triad

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



B0AEFF



F4A375



40CBAE

Complementary

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



`B0AEFF`



`FDFFAE`

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.



7EC686



B0AEFF



D6B165

Square

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



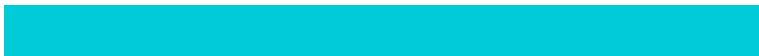
B0AEFF



FF9896



ADBE6B



00CBD7

Rectangle

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



B0AEFF



F798CC



ADBE6B



58CAA0

Sweetspot

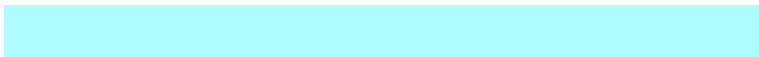
The Sweet Spot groups the original color and five complimentary colors.



B0AEFF



E6E6FF



AEFEFF



717080



000000



808080

Same Dimension

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



B0AEFF



A09EFF



D8AEFF



737380



0500BF



020040

Inverse Universe

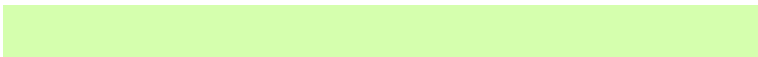
The Inverse Universe completely reimagines the original color for something new.



FFAEFD



FF9EFD



D5FFAE



80737F



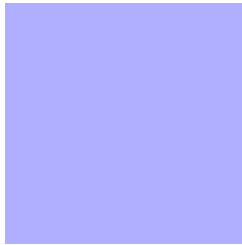
BF00BB



40003E

Previews

White Background



This preview shows how the Hex color B0AEFF looks on a white background.

Color Contrast Check

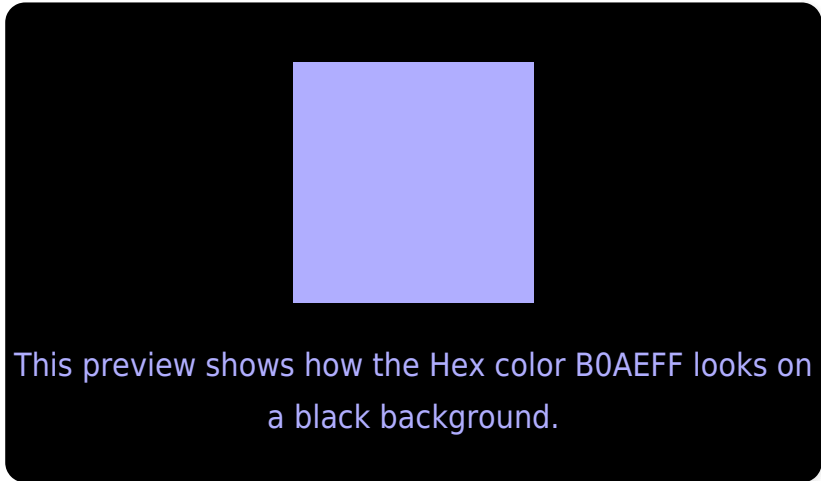
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

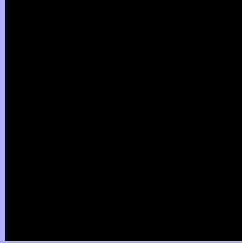
Any Text WCAG AA ✓ Pass

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 B0AEFF Background



This preview shows how black text looks on a background with the Hex color B0AEFF.

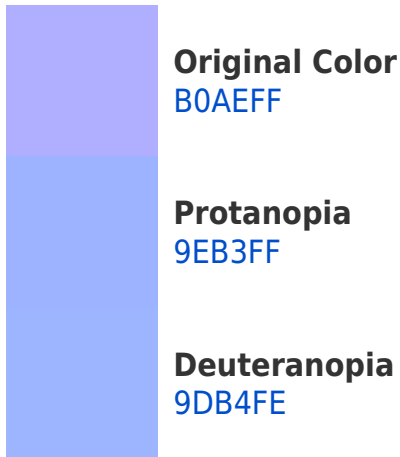


This preview shows how white text looks on a background with the Hex color B0AEFF.

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](#).

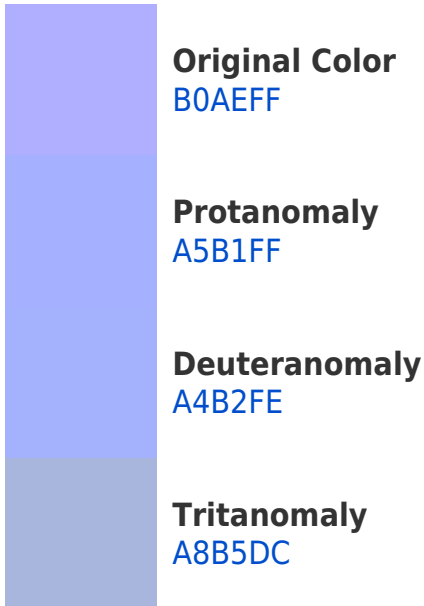
Dichromacy



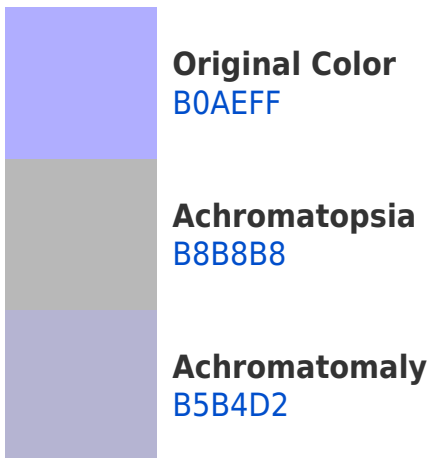


Tritanopia
A4B9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0AEFF 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 #B0AEFF looks like.

```
.text, #text, p{  
  color:#B0AEFF  
}
```

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 #B0AEFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0AEFF
}
```

Border

The CSS property to change the border of an element to Hex B0AEFF 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
#B0AEFF }
```

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

```
.border{ border-color:#B0AEFF }
```

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

Here you see how a box with a 4 pixel #B0AEFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0AEFF; -webkit-box-shadow:4px 4px  
4px 4px #B0AEFF; box-shadow:4px 4px 4px  
4px #B0AEFF }
```

Background

The CSS property to change the background color of an element to Hex B0AEFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0AEFF }
```

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

```
.background{ background-color:#B0AEFF }
```

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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