

Converting Colors

Hex(B0AFF5)

Have a look what the booklet for
Hex(B0AFF5) contains.

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Color

Hex(B0AFF5)

Conversions

Conversions Part 1

Format	Color
Hex	B0AFF5
RGB	176, 175, 245
RGB Percent	69%, 69%, 96%
CMY	0.3098, 0.3137, 0.0392
CMYK	0.28, 0.29, 0.00, 0.04
HSL	241°, 78%, 82%
HSV	241°, 29%, 96%
XYZ	49.7159, 46.4826, 92.7379
YIQ	183.2790, -21.8740, 21.9820

Conversions

Conversions Part 2

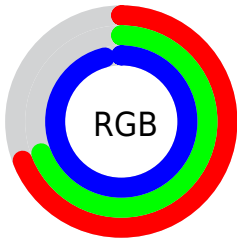
Format	Color
R_{YB}	176, 175, 245
Decimal	11579381
CIE _{Lab}	73.86, 15.54, -34.65
CIE _{LCh}	74, 37.981, 294.158
Yxy	46.4826, 0.2631, 0.2460
Android (android.graphics.Color)	4289769461 (0xFFB0AFF5)
YUV	183.2790, 30.4285, -6.3837
Hunter-Lab	68.1782, 10.8514, -32.9233

Details

The Hex color **B0AFF5** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **F4F5AF**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **E9E6FF**, and **7A7BBC** is the 20% darker color. If you saturate the color by 10%, you get **9896F5**, and if you desaturate by 10%, it is **C8C8F5**.

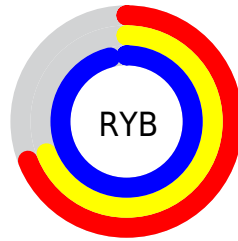
Distribution



Red (69%)

Green (69%)

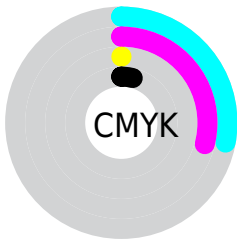
Blue (96%)



Red (69%)

Yellow (69%)

Blue (96%)

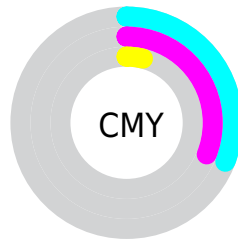


Cyan (28%)

Magenta (29%)

Yellow (0%)

Black (4%)



Cyan (31%)

Magenta (31%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0AFF5 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 B0AFF5 by changing the saturation by 10% instead.

 B0AFF5

 B0AFF5

FFFFFF

 9594D8

 E9E6FF

 7A7BBC

 5F62A1

 464A87

 2C346D

 0E1F54

 00073D

 000326

 000110

 B0AFF5

 B0AFF5

 9896F5

 C8C8F5

 807EF5

 E0E0F5

 6866F5

 F8F9F5

 4F4DF5

 FFFFF5

 3734F5

 1F1CF5

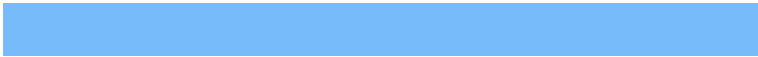
 0703F5

 0300F5

Harmonies

Analogous

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



78BBFA



B0AFF5



DBA3DF

Triad

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



B0AFF5



EDA57E



5BC8AD

Complementary

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



B0AFF5



F4F5AF

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.



87C48C



B0AFF5



D3B170

Square

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



B0AFF5



FA9C9B



B0BC75



30C8D1

Rectangle

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



B0AFF5



EE9DC9



B0BC75



6AC7A1

Sweetspot

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



B0AFF5



E8E8FF



AFF5F5



727180



000000



808080

Same Dimension

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



B0AFF5



AAA8FF



D2AFF5



6E6E7A



0300BA



01003B

Inverse Universe

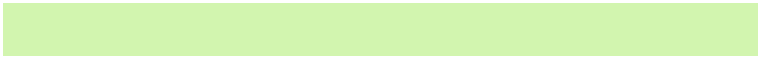
The Inverse Universe completely reimagines the original color for something new.



F5AFF4



FFA8FE



D2F5AF



7A6E7A



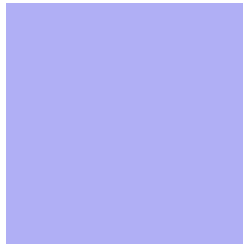
BA00B7



3B003A

Previews

White Background



This preview shows how the Hex color B0AFF5 looks on a white background.

Color Contrast Check

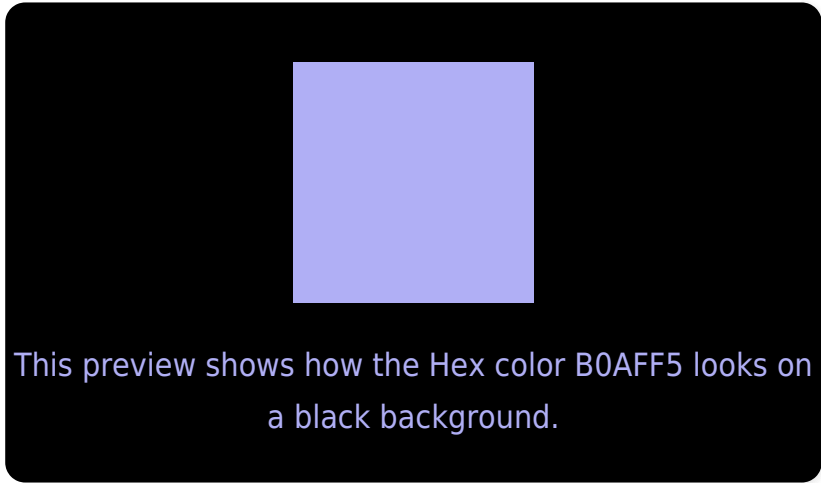
Large Text (above 18pt) WCAG AA × Fail

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

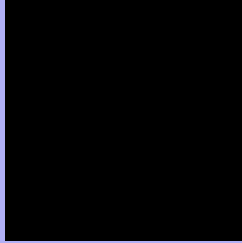
Any Text WCAG AA ✓ Pass

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 B0AFF5 Background



This preview shows how black text looks on a background with the Hex color B0AFF5.



This preview shows how white text looks on a background with the Hex color B0AFF5.

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
B0AFF5

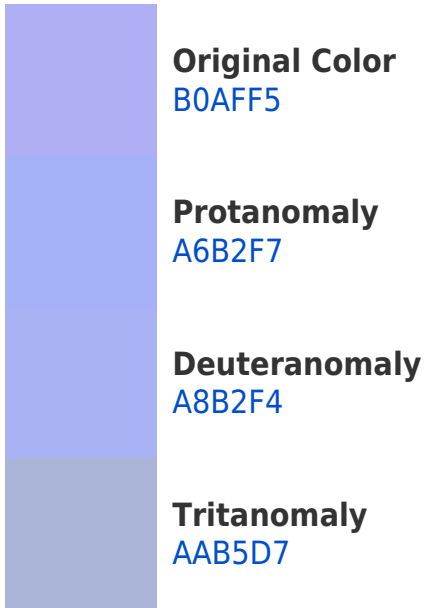
Protanopia
A1B3F8

Deuteranopia
A4B3F4

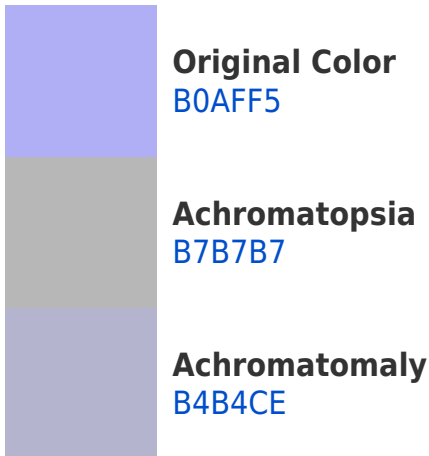


Tritanopia
A7B8C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0AFF5 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 #B0AFF5 looks like.

```
.text, #text, p{  
    color:#B0AFF5  
}
```

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 #B0AFF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0AFF5
}
```

Border

The CSS property to change the border of an element to Hex B0AFF5 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
#B0AFF5 }
```

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

```
.border{ border-color:#B0AFF5 }
```

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

Here you see how a box with a 4 pixel #B0AFF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0AFF5; -webkit-box-shadow:4px 4px  
4px 4px #B0AFF5; box-shadow:4px 4px 4px  
4px #B0AFF5 }
```

Background

The CSS property to change the background color of an element to Hex B0AFF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0AFF5 }
```

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

```
.background{ background-color:#B0AFF5 }
```

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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