

Converting Colors

Hex(B4AFFD)

Have a look what the booklet for
Hex(B4AFFD) contains.

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Color

Hex(B4AFFD)

Conversions

Conversions Part 1

Format	Color
Hex	B4AFFD
RGB	180, 175, 253
RGB Percent	71%, 69%, 99%
CMY	0.2941, 0.3137, 0.0078
CMYK	0.29, 0.31, 0.00, 0.01
HSL	244°, 95%, 84%
HSV	244°, 31%, 99%
XYZ	51.8820, 47.4551, 99.3538
YIQ	185.3870, -22.0580, 25.3180

Conversions

Conversions Part 2

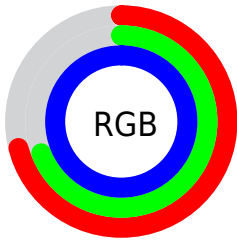
Format	Color
RYB	180, 175, 253
Decimal	11841533
CIELab	74.48, 18.63, -37.99
CIELCh	74, 42.309, 296.124
Yxy	47.4551, 0.2611, 0.2388
Android (android.graphics.Color)	4290031613 (0xFFB4AFFD)
YUV	185.3870, 33.3332, -4.7244
Hunter-Lab	68.8877, 13.8819, -37.2901

Details

The Hex color **B4AFFD** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **F8FDAF**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **EDE7FF**, and **7D7BC4** is the 20% darker color. If you saturate the color by 10%, you get **9C96FD**, and if you desaturate by 10%, it is **CCC8FD**.

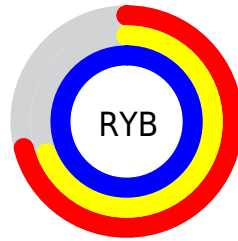
Distribution



Red (71%)

Green (69%)

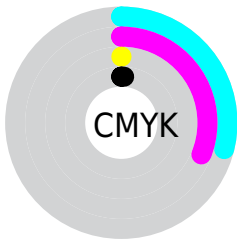
Blue (99%)



Red (71%)

Yellow (69%)

Blue (99%)

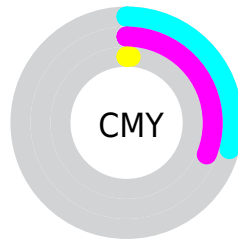


Cyan (29%)

Magenta (31%)

Yellow (0%)

Black (1%)



Cyan (29%)

Magenta (31%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4AFFD 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 B4AFFD by changing the saturation by 10% instead.

 B4AFFD

 B4AFFD

FFFFFF

 9894E0

 EDE7FF

 7D7BC4

 6362A9

 484A8E

 2E3474

 0F1F5B

 000843

 00032C

 000117

 B4AFFD

 B4AFFD

 9C96FD

 CCC8FD

 857CFD

 E3E2FD

 6D63FD

 FBFBFD

 554AFD

FFFFFFD

 3E31FD

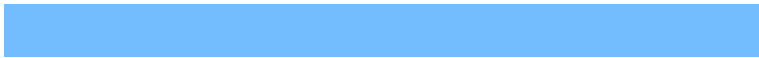
 2617FD

 1000FD

Harmonies

Analogous

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



73BDFE



B4AFFD



E3A1E3

Triad

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



B4AFFD



F3A678



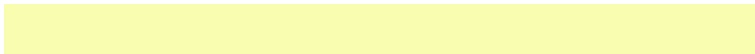
47CCB1

Complementary

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



B4AFFD



F8FDAF

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.



80C78A



B4AFFD



D5B369

Square

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



B4AFFD



FF9B97



AEBF70



00CBD8

Rectangle

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



B4AFFD



F79BCB



AEBF70



5CCBA3

Sweetspot

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



B4AFFD



EAE8FF



AFF9FD



727180



000000



808080

Same Dimension

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



B4AFFD



A7A1FF



DAAFFD



747380



0C00BF



040040

Inverse Universe

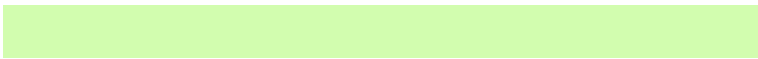
The Inverse Universe completely reimagines the original color for something new.



FDAFF8



FFA1F9



D2FDAF



80737F



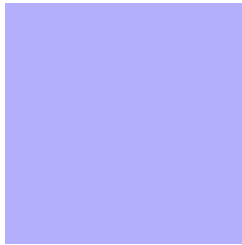
BF00B3



40003C

Previews

White Background



This preview shows how the Hex color B4AFFD looks on a white background.

Color Contrast Check

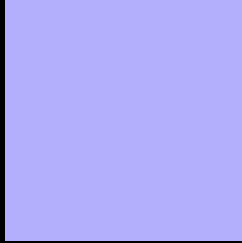
Large Text (above 18pt) WCAG AA × Fail

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 B4AFFD 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 B4AFFD Background



This preview shows how black text looks on a background with the Hex color B4AFFD.

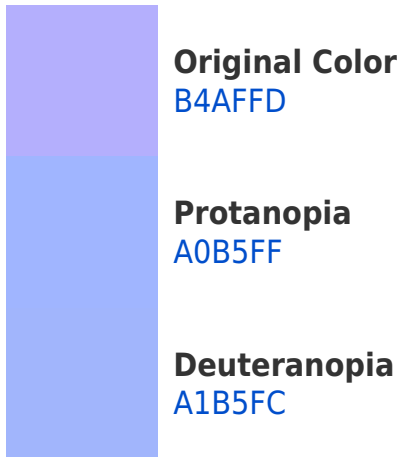


This preview shows how white text looks on a background with the Hex color B4AFFD.

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](#).

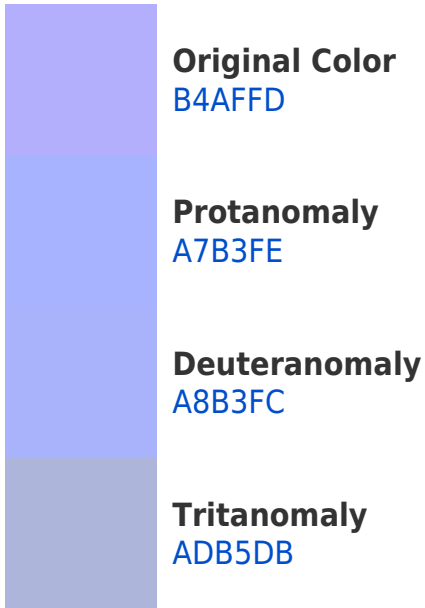
Dichromacy



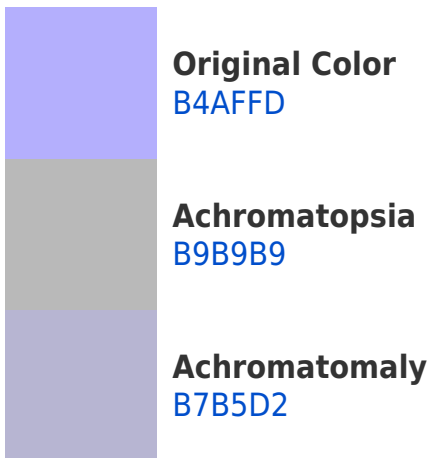


Tritanopia
A9B9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B4AFFD 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 #B4AFFD looks like.

```
.text, #text, p{  
    color:#B4AFFD  
}
```

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 #B4AFFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4AFFD
}
```

Border

The CSS property to change the border of an element to Hex B4AFFD 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
#B4AFFD }
```

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

```
.border{ border-color:#B4AFFD }
```

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

Here you see how a box with a 4 pixel #B4AFFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4AFFD; -webkit-box-shadow:4px 4px  
4px 4px #B4AFFD; box-shadow:4px 4px 4px  
4px #B4AFFD }
```

Background

The CSS property to change the background color of an element to Hex B4AFFD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4AFFD }
```

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

```
.background{ background-color:#B4AFFD }
```

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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