

Converting Colors

Hex(B4AFD4)

Have a look what the booklet for
Hex(B4AFD4) contains.

Hex(B4AFD4)	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(B4AFD4)

Conversions

Conversions Part 1

Format	Color
Hex	B4AFD4
RGB	180, 175, 212
RGB Percent	71%, 69%, 83%
CMY	0.2941, 0.3137, 0.1686
CMYK	0.15, 0.17, 0.00, 0.17
HSL	248°, 30%, 76%
HSV	248°, 17%, 83%
XYZ	46.0360, 45.1167, 68.5694
YIQ	180.7130, -8.8970, 12.5670

Conversions

Conversions Part 2

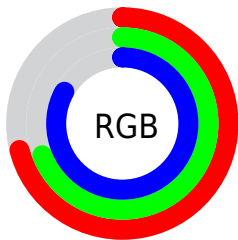
Format	Color
RYB	180, 175, 212
Decimal	11841492
CIELab	72.97, 9.18, -18.04
CIELCh	73, 20.238, 296.976
Yxy	45.1167, 0.2882, 0.2825
Android (android.graphics.Color)	4290031572 (0xFFB4AFD4)
YUV	180.7130, 15.4245, -0.6253
Hunter-Lab	67.1690, 4.7940, -13.5079

Details

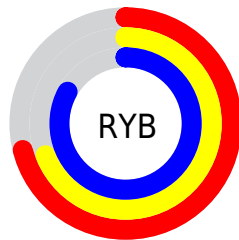
The Hex color **B4AFD4** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CFD4AF**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **ECE7FF**, and **7F7B9D** is the 20% darker color. If you saturate the color by 10%, you get **A29AD4**, and if you desaturate by 10%, it is **C6C4D4**.

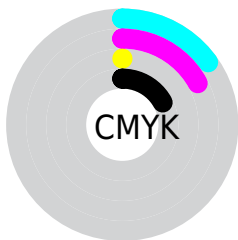
Distribution



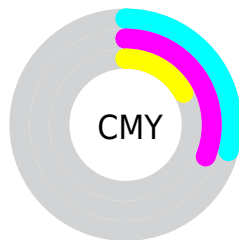
- Red (71%)
- Green (69%)
- Blue (83%)



- Red (71%)
- Yellow (69%)
- Blue (83%)



- Cyan (15%)
- Magenta (17%)
- Yellow (0%)
- Black (17%)



- Cyan (29%)
- Magenta (31%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4AFD4 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 B4AFD4 by changing the saturation by 10% instead.

 B4AFD4

 B4AFD4

FFFFFF

 9994B8

 ECE7FF

 7F7B9D

 666283

 4D4A6A

 363352

 201E3B

 0B0625

 00010E

 000000

 B4AFD4

 B4AFD4

 A29AD4

 C6C4D4

 8F85D4

 D9D9D4

 7D6FD4

 EBEFD4

 6B5AD4

 FDFFD4

 5845D4

 FFFFD4

 4630D4

 341BD4

 2105D4

 1D00D4

Harmonies

Analogous

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



9BB5D8



B4AFD4



C9A9C8

Triad

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



B4AFD4



D2AB95



88BEB0

Complementary

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



B4AFD4



CFD4AF

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.



9ABB9E



B4AFD4



C3B18E

Square

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



B4AFD4



DAA7A3



AFB792



80BDC3

Rectangle

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



B4AFD4



D3A7BC



AFB792



8EBDAA

Sweetspot

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



B4AFD4



F4F2FF



AFCFD4



797880



000000



808080

Same Dimension

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



B4AFD4



D1C9FF



C6AFD4



62606B



1700AB



06002B

Inverse Universe

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



D4AFCF



FFC9F8



BDD4AF



6B606A



AB0094



2B0025

Previews

White Background



This preview shows how the Hex color B4AFD4 looks on a white background.

Color Contrast Check

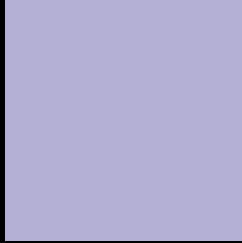
Large Text (above 18pt) WCAG AA × Fail

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 B4AFD4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

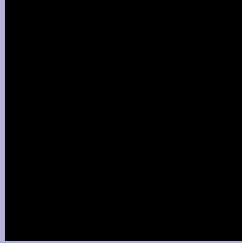
Any Text WCAG AA ✓ Pass

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 B4AFD4 Background



This preview shows how black text looks on a background with the Hex color B4AFD4.



This preview shows how white text looks on a background with the Hex color B4AFD4.

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
B4AFD4

Protanopia
ABB1D6

Deuteranopia
B4AFD4



Tritanopia
B1B2C1

Trichromacy



Original Color
B4AFD4

Protanomaly
AEB0D5

Deuteranomaly
B4AFD4

Tritanomaly
B2B1C8

Monochromacy



Original Color
B4AFD4

Achromatopsia
B5B5B5

Achromatomaly
B5B3C0

CSS Examples

Text

The CSS property to change the color of the text to Hex B4AFD4 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 #B4AFD4 looks like.

```
.text, #text, p{  
    color:#B4AFD4  
}
```

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 #B4AFD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4AFD4
}
```

Border

The CSS property to change the border of an element to Hex B4AFD4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

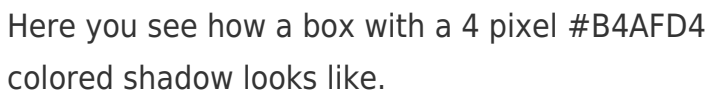
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B4AFD4 }
```

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

```
.border{ border-color:#B4AFD4 }
```

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



Here you see how a box with a 4 pixel `#B4AFD4` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4AFD4; -webkit-box-shadow:4px 4px  
4px 4px #B4AFD4; box-shadow:4px 4px 4px  
4px #B4AFD4 }
```

Background

The CSS property to change the background color of an element to Hex B4AFD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4AFD4 }
```

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

```
.background{ background-color:#B4AFD4 }
```

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