

# Converting Colors

Hex(B3AFD0)

Have a look what the booklet for  
Hex(B3AFD0) contains.

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# **Color**

**Hex(B3AFD0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3AFD0
RGB	179, 175, 208
RGB Percent	70%, 69%, 82%
CMY	0.2980, 0.3137, 0.1843
CMYK	0.14, 0.16, 0.00, 0.18
HSL	247°, 26%, 75%
HSV	247°, 16%, 82%
XYZ	45.3055, 44.7977, 65.9335
YIQ	179.9580, -8.2090, 11.1110

# Conversions

## Conversions Part 2

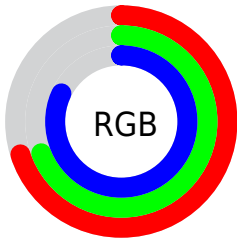
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	179, 175, 208
Decimal	11775952
CIE <sub>Lab</sub>	72.76, 8.00, -16.17
CIE <sub>LCh</sub>	73, 18.042, 296.315
Yxy	44.7977, 0.2904, 0.2871
Android (android.graphics.Color)	4289966032 (0xFFB3AFD0)
YUV	179.9580, 13.8247, -0.8402
Hunter-Lab	66.9311, 3.6969, -11.5545

# Details

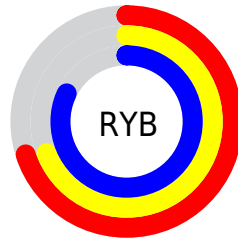
The Hex color **B3AFD0** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CCD0AF**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **EBE7FF**, and **7E7B9A** is the 20% darker color. If you saturate the color by 10%, you get **A19AD0**, and if you desaturate by 10%, it is **C5C4D0**.

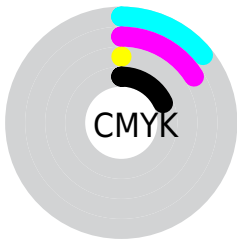
# Distribution



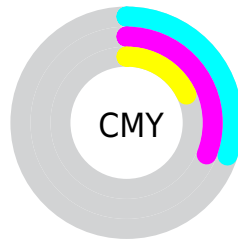
- Red (70%)
- Green (69%)
- Blue (82%)



- Red (70%)
- Yellow (69%)
- Blue (82%)



- Cyan (14%)
- Magenta (16%)
- Yellow (0%)
- Black (18%)



- Cyan (30%)
- Magenta (31%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3AFD0 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 B3AFD0 by changing the saturation by 10% instead.



 B3AFD0

 B3AFD0

FFFFFF

 9894B4

 EBE7FF

 7E7B9A

 656280

 4D4A66

 35334E

 1F1E37

 0B0522

 000009

 000000

 B3AFD0

 B3AFD0

 A19AD0

 C5C4D0

 8E85D0

 D8D9D0

 7C71D0

 EAEDD0

 6A5CD0

 FCFFD0

 5847D0

 FFFFD0

 4532D0

 331DD0

 2109D0

 1900D0

# Harmonies

## Analogous

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



9DB5D3



B3AFD0



C6AAC5

# Triad

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



B3AFD0



CFAB98



8DBCBO

# Complementary

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



B3AFD0



CCD0AF

# 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.



9DBAA0



B3AFD0



C2B192

# Square

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



B3AFD0



D5A8A5



B0B695



86BCC0

# Rectangle

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



B3AFD0



CFA8BB



B0B695



92BCAA



# Sweetspot

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



B3AFD0



F4F2FF



AFCCD0



797880



000000



808080



# Same Dimension

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



B3AFD0



D4CFFF



C3AFD0



5F5E69



1400A8



050029



# Inverse Universe

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



D0AFCC



FFCFF9



BCD0AF



695E67



A80094

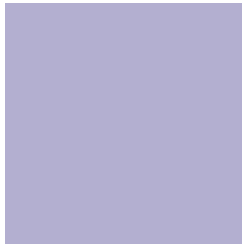


290024



# Previews

## White Background



This preview shows how the Hex color B3AFD0 looks on a white background.

## Color Contrast Check

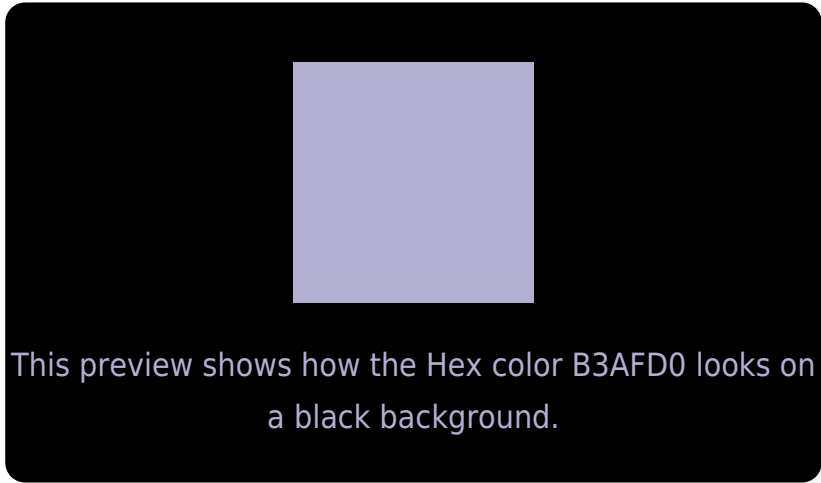
Large Text (above 18pt) WCAG AA × Fail

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

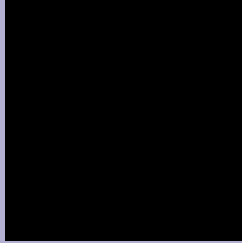
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B3AFD0 Background



This preview shows how black text looks on a background with the Hex color B3AFD0.



This preview shows how white text looks on a background with the Hex color B3AFD0.

# 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**  
B3AFD0

**Protanopia**  
ACB1D1

**Deuteranopia**  
B6AED0



**Tritanopia**  
B0B2C0

# Trichromacy



**Original Color**  
B3AFD0

**Protanomaly**  
AFB0D1

**Deuteranomaly**  
B5AED0

**Tritanomaly**  
B1B1C6

# Monochromacy



**Original Color**  
B3AFD0

**Achromatopsia**  
B4B4B4

**Achromatomaly**  
B4B2BE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3AFD0 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 #B3AFD0 looks like.

```
.text, #text, p{  
    color:#B3AFD0  
}
```

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 #B3AFD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3AFD0
}
```

## Border

The CSS property to change the border of an element to Hex B3AFD0 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
#B3AFD0 }
```

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

```
.border{ border-color:#B3AFD0 }
```

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

Here you see how a box with a 4 pixel #B3AFD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3AFD0; -webkit-box-shadow:4px 4px  
4px 4px #B3AFD0; box-shadow:4px 4px 4px  
4px #B3AFD0 }
```

# Background

The CSS property to change the background color of an element to Hex B3AFD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3AFD0 }
```

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

```
.background{ background-color:#B3AFD0 }
```

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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