

Converting Colors

Hex(B7AAFF)

Have a look what the booklet for
Hex(B7AAFF) contains.

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Color

Hex(B7AAFF)

Conversions

Conversions Part 1

Format	Color
Hex	B7AAFF
RGB	183, 170, 255
RGB Percent	72%, 67%, 100%
CMY	0.2824, 0.3333, 0.0000
CMYK	0.28, 0.33, 0.00, 0.00
HSL	249°, 100%, 83%
HSV	249°, 33%, 100%
XYZ	51.9532, 46.0367, 100.7555
YIQ	183.5770, -19.5370, 29.1910

Conversions

Conversions Part 2

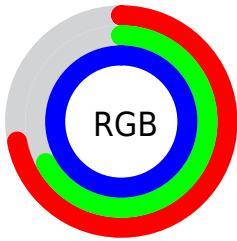
Format	Color
R _Y B	183, 170, 255
Decimal	12036863
CIE Lab	73.57, 22.74, -40.46
CIE LCh	74, 46.417, 299.336
Yxy	46.0367, 0.2614, 0.2316
Android (android.graphics.Color)	4290226943 (0xFFB7A AFF)
YUV	183.5770, 35.2115, -0.5060
Hunter-Lab	67.8504, 17.9397, -40.5484

Details

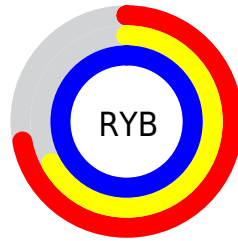
The Hex color **B7A AFF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **F2FFAA**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **F0E1FF**, and **8076C6** is the 20% darker color. If you saturate the color by 10%, you get **A191FF**, and if you desaturate by 10%, it is **CDC3FF**.

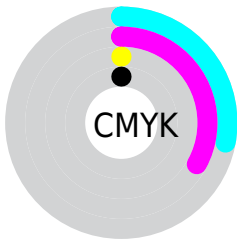
Distribution



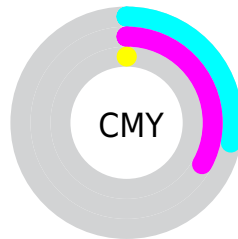
- Red (72%)
- Green (67%)
- Blue (100%)



- Red (72%)
- Yellow (67%)
- Blue (100%)



- Cyan (28%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7A AFF 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 B7A AFF by changing the saturation by 10% instead.

 B7AAFF

 B7AAFF

FFFFFF

 9B8FE2

 F0E1FF


 8076C6

FFFEFF

 655DAA

 4B4590

 302F76

 121A5C

 000244

 00032D

 000118

 B7AFFF

 B7AFFF

 A191FF

 CDC3FF

 8C77FF

 E2DDFF

 765EFF

 F8F7FF

 6144FF

FFFFFF

 4B2AFF

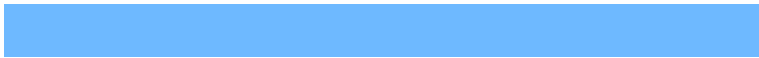
 3511FF

 2700FF

Harmonies

Analogous

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



6EB9FF



B7AAFF



E99BE1

Triad

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



B7A AFF



F2A 36C



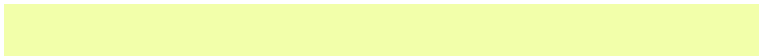
1A CBB2

Complementary

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



B7AAFF



F2FFAA

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.



70C788



B7A AFF



D0B25E

Square

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



B7AAFF



FF968D



A5BF68



00CADD

Rectangle

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



B7AAFF



FD94C6



A5BF68



42CAA4

Sweetspot

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



B7AAFF



E9E6FF



AAF2FF



737080



000000



808080

Same Dimension

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



B7AAFF



A999FF



E1AAFF



757380



1D00BF



0A0040

Inverse Universe

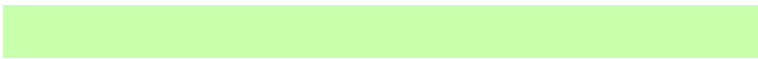
The Inverse Universe completely reimagines the original color for something new.



FFAAF2



FF99EF



C8FFAA



80737E



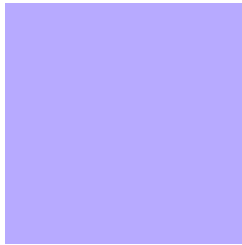
BF00A2



400036

Previews

White Background



This preview shows how the Hex color B7A AFF looks on a white background.

Color Contrast Check

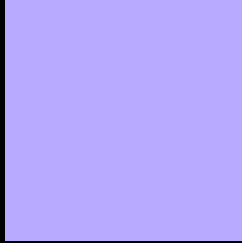
Large Text (above 18pt) WCAG AA × Fail

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 B7AFFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

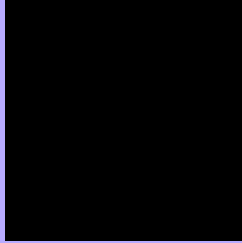
Any Text WCAG AA ✓ Pass

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 B7A AFF Background



This preview shows how black text looks on a background with the Hex color B7A AFF.

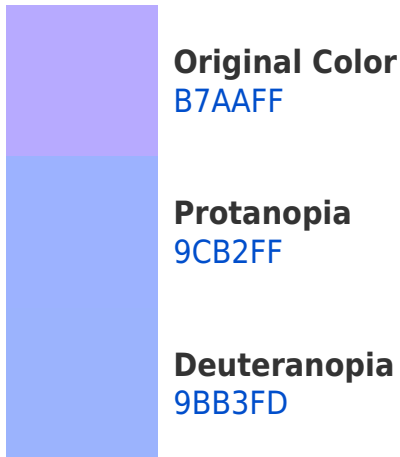


This preview shows how white text looks on a background with the Hex color B7A AFF.

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](#).

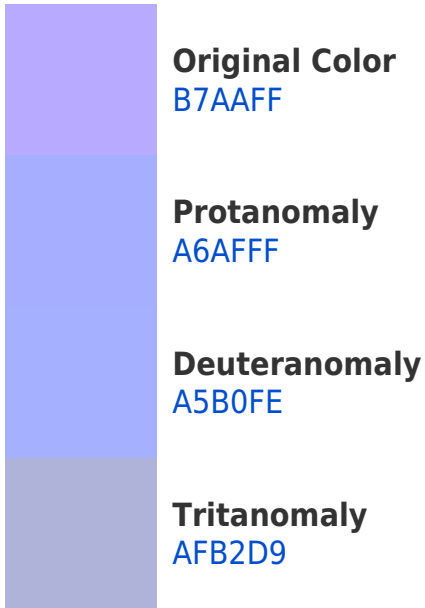
Dichromacy



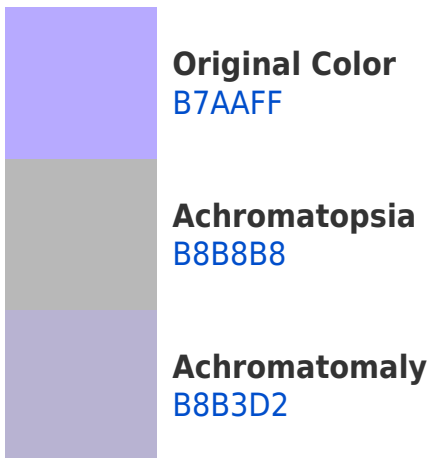


Tritanopia
ABB6C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B7AAFF 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 #B7AAFF looks like.

```
.text, #text, p{  
  color:#B7AAFF  
}
```

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 #B7AFFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7AFFF
}
```

Border

The CSS property to change the border of an element to Hex B7AFFF 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
#B7AFFF }
```

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

```
.border{ border-color:#B7AAFF }
```

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

Here you see how a box with a 4 pixel #B7AAFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7AAFF; -webkit-box-shadow:4px 4px  
4px 4px #B7AAFF; box-shadow:4px 4px 4px  
4px #B7AAFF }
```

Background

The CSS property to change the background color of an element to Hex B7AAFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7AAFF }
```

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

```
.background{ background-color:#B7AAFF }
```

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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