

Converting Colors

Hex(AB7AFF)

Have a look what the booklet for
Hex(AB7AFF) contains.

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Color

Hex(**AB7AFF**)

Conversions

Conversions Part 1

Format	Color
Hex	AB7AFF
RGB	171, 122, 255
RGB Percent	67%, 48%, 100%
CMY	0.3294, 0.5216, 0.0000
CMYK	0.33, 0.52, 0.00, 0.00
HSL	262°, 100%, 74%
HSV	262°, 52%, 100%
XYZ	41.8041, 29.7970, 98.1558
YIQ	151.8130, -13.4890, 51.7510

Conversions

Conversions Part 2

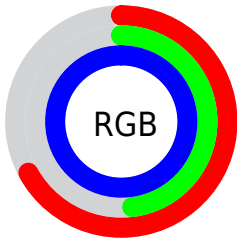
Format	Color
R _Y B	171, 122, 255
Decimal	11238143
CIE _{Lab}	61.48, 46.29, -59.62
CIE _{LCh}	61, 75.477, 307.824
Yxy	29.7970, 0.2463, 0.1755
Android (android.graphics.Color)	4289428223 (0xFFAB7AFF)
YUV	151.8130, 50.8712, 16.8270
Hunter-Lab	54.5866, 41.1742, -68.4026

Details

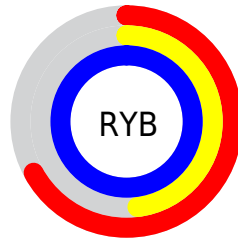
The Hex color **AB7AFF** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **CEFF7A**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **E6B0FF**, and **7247C5** is the 20% darker color. If you saturate the color by 10%, you get **9B61FF**, and if you desaturate by 10%, it is **BB94FF**.

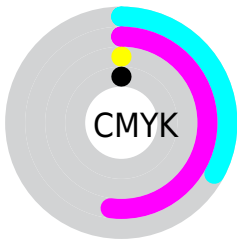
Distribution



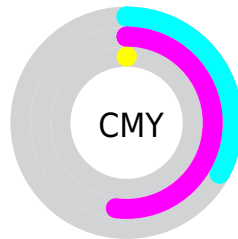
- Red (67%)
- Green (48%)
- Blue (100%)



- Red (67%)
- Yellow (48%)
- Blue (100%)



- Cyan (33%)
- Magenta (52%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (52%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB7AFF 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 AB7AFF by changing the saturation by 10% instead.

 AB7AFF

 AB7AFF

FFFFFF

 8E60E2

 E6B0FF

 7247C5

 FFCBFF

 552FAA

 FFE8FF

 38168F

 130074

 00005B

 000042

 00032B

 000115

 AB7AFF

 AB7AFF

 9B61FF

 BB94FF

 8B47FF

 CBADFF

 7B2EFF

 DBC7FF

 6B14FF

 EBEOFF

 5E00FF

 FCFAFF

 FFFFFFFF

Harmonies

Analogous

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



0097FF



AB7AFF



F158C8

Triad

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



AB7AFF



DA7E00



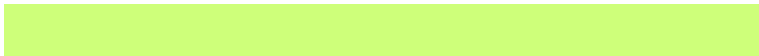
00B2A5

Complementary

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



AB7AFF



CEFF7A

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.



00AF5F



AB7AFF



A39700

Square

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



AB7AFF



FF5F46



5AA715



00B1E5

Rectangle

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



AB7AFF



FF4A9C



5AA715



00B28D

Sweetspot

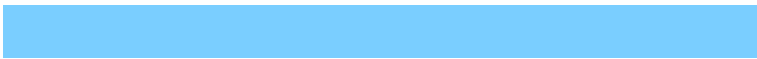
The Sweet Spot groups the original color and five complimentary colors.



AB7AFF



E5D6FF



7ACEFF



706780



000000



808080

Same Dimension

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



AB7AFF



9A5EFF



ED7AFF



777380



4600BF



170040

Inverse Universe

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



FF7ACE



FF5EC4



8CFF7A



80737B



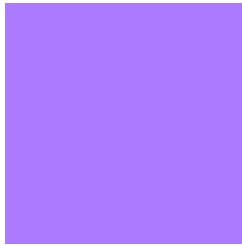
BF0079



400028

Previews

White Background



This preview shows how the Hex color AB7AFF looks on a white background.

Color Contrast Check

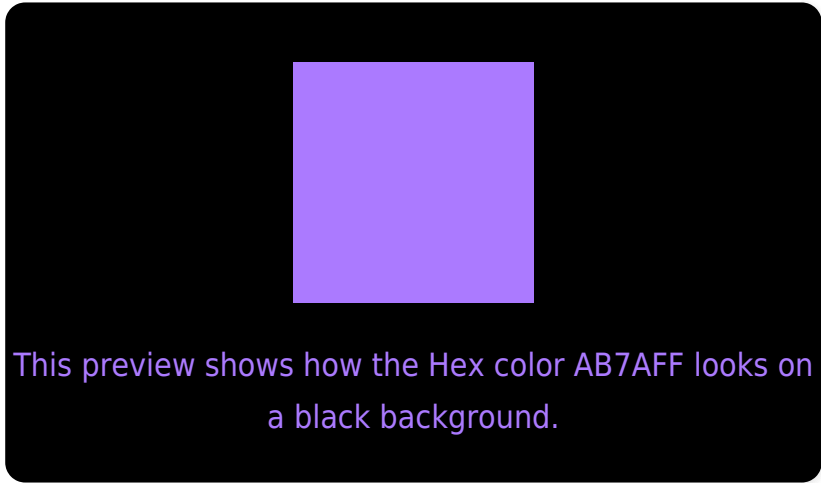
Large Text (above 18pt) WCAG AA ✓ Pass

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

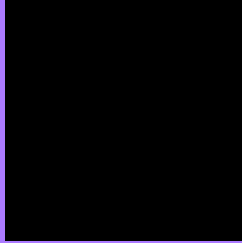
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex AB7AFF Background



This preview shows how black text looks on a background with the Hex color AB7AFF.

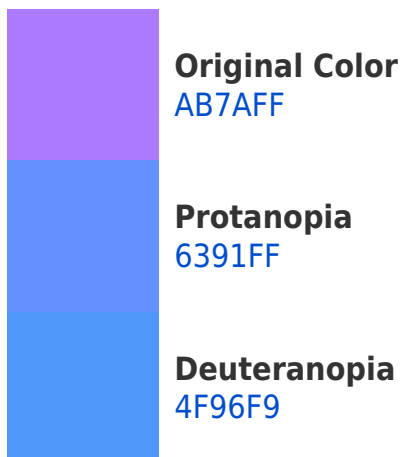


This preview shows how white text looks on a background with the Hex color AB7AFF.

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](#).

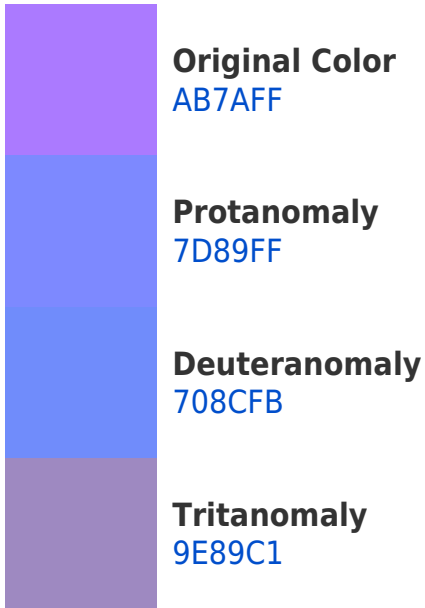
Dichromacy



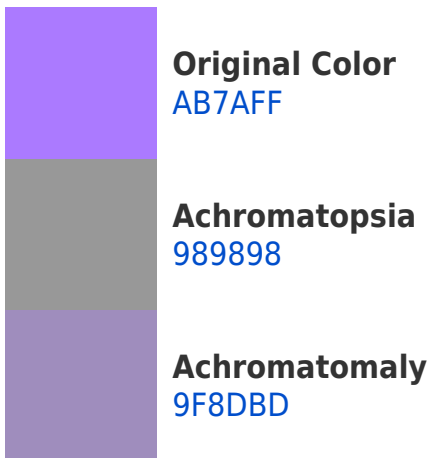


Tritanopia
97929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AB7AFF 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 #AB7AFF looks like.

```
.text, #text, p{  
    color:#AB7AFF  
}
```

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 #AB7AFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB7AFF
}
```

Border

The CSS property to change the border of an element to Hex AB7AFF 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
#AB7AFF }
```

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

```
.border{ border-color:#AB7AFF }
```

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

Here you see how a box with a 4 pixel #AB7AFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB7AFF; -webkit-box-shadow:4px 4px  
4px 4px #AB7AFF; box-shadow:4px 4px 4px  
4px #AB7AFF }
```

Background

The CSS property to change the background color of an element to Hex AB7AFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB7AFF }
```

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

```
.background{ background-color:#AB7AFF }
```

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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