

Converting Colors

Hex(AFB7E9)

Have a look what the booklet for
Hex(AFB7E9) contains.

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Color

Hex(AFB7E9)

Conversions

Conversions Part 1

Format	Color
Hex	AFB7E9
RGB	175, 183, 233
RGB Percent	69%, 72%, 91%
CMY	0.3137, 0.2824, 0.0863
CMYK	0.25, 0.21, 0.00, 0.09
HSL	232°, 57%, 80%
HSV	232°, 25%, 91%
XYZ	49.3207, 48.8641, 83.9230
YIQ	186.3080, -20.8180, 13.8540

Conversions

Conversions Part 2

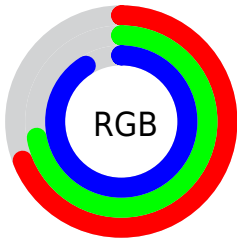
Format	Color
R_{YB}	175, 182, 233
Decimal	11515881
CIE Lab	75.37, 7.97, -25.84
CIE LCh	75, 27.046, 287.136
Yxy	48.8641, 0.2708, 0.2683
Android (android.graphics.Color)	4289705961 (0xFFAFB7E9)
YUV	186.3080, 23.0192, -9.9171
Hunter-Lab	69.9029, 3.6124, -22.2496

Details

The Hex color **AFB7E9** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E9E1AF**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **E7EFFF**, and **7982B1** is the 20% darker color. If you saturate the color by 10%, you get **98A3E9**, and if you desaturate by 10%, it is **C6CBE9**.

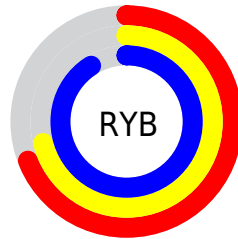
Distribution



Red (69%)

Green (72%)

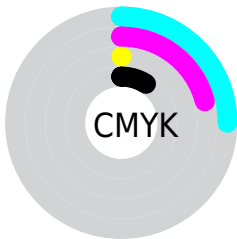
Blue (91%)



Red (69%)

Yellow (71%)

Blue (91%)

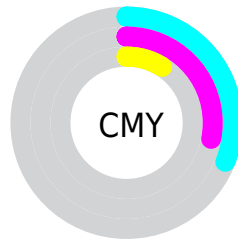


Cyan (25%)

Magenta (21%)

Yellow (0%)

Black (9%)



Cyan (31%)

Magenta (28%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color AFB7E9 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 AFB7E9 by changing the saturation by 10% instead.

■ AFB7E9

FFFFFF

■ E7EFFF

■ AFB7E9

■ 949CCD

■ 7982B1

■ 606996

■ 47517C

■ 2E3A63

■ 15254B

■ 001034

■ 00021F

■ 000001

 AFB7E9

 AFB7E9

 98A3E9

 C6CBE9

 808FE9

 DEDFE9

 697BE9

 F5F3E9

 5267E9

 FFFFE9

 3B53E9

 233EE9

 0C2AE9

 0020E9

Harmonies

Analogous

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



8CBFEA



AFB7E9



CFAEDC

Triad

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



AFB7E9



E7AD96



85C7AE

Complementary

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



AFB7E9



E9E1AF

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.



A1C397



AFB7E9



D6B489

Square

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



AFB7E9



EDA8AC



BDBD8A



72C8C7

Rectangle

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



AFB7E9



DFAACE



BDBD8A



8EC6A5

Sweetspot

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



AFB7E9



EDF0FF



AFE9E0



757780



000000



808080

Same Dimension

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



AFB7E9



B3BDFE



C3AFE9



6A6B75



0019B5



000736

Inverse Universe

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



E9AFB7



FFB3BD



D5E9AF



756A6B



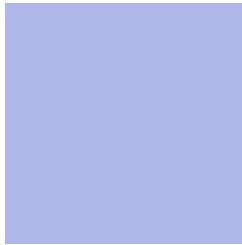
B50019



360007

Previews

White Background



This preview shows how the Hex color AFB7E9 looks on a white background.

Color Contrast Check

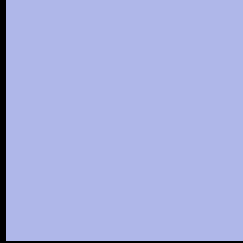
Large Text (above 18pt) WCAG AA × Fail

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 AFB7E9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

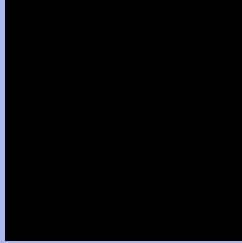
Any Text WCAG AA ✓ Pass

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 AFB7E9 Background



This preview shows how black text looks on a background with the Hex color AFB7E9.



This preview shows how white text looks on a background with the Hex color AFB7E9.

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
AFB7E9

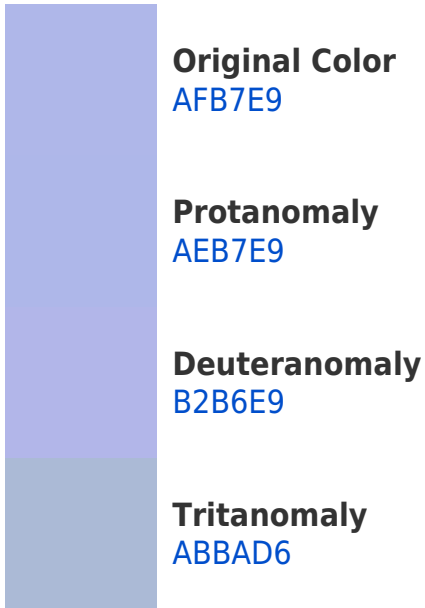
Protanopia
ADB7E9

Deuteranopia
B3B6E9

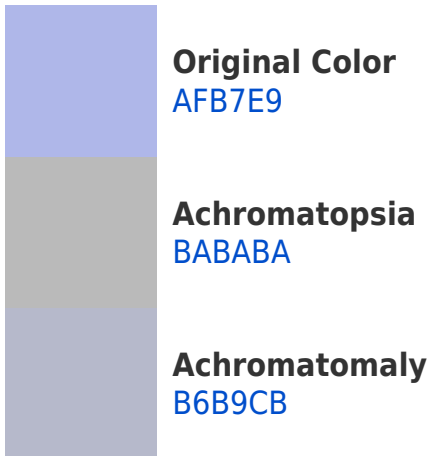


Tritanopia
A9BCCB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AFB7E9 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 #AFB7E9 looks like.

```
.text, #text, p{  
    color:#AFB7E9  
}
```

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 #AFB7E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFB7E9
}
```

Border

The CSS property to change the border of an element to Hex AFB7E9 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
#AFB7E9 }
```

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

```
.border{ border-color:#AFB7E9 }
```

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

Here you see how a box with a 4 pixel #AFB7E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFB7E9; -webkit-box-shadow:4px 4px  
4px 4px #AFB7E9; box-shadow:4px 4px 4px  
4px #AFB7E9 }
```

Background

The CSS property to change the background color of an element to Hex AFB7E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFB7E9 }
```

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

```
.background{ background-color:#AFB7E9 }
```

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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