

Converting Colors

Hex(AE00FB)

Have a look what the booklet for
Hex(AE00FB) contains.

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Color

Hex(AE00FB)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | AE00FB |
| RGB | 174, 0, 251 |
| RGB Percent | 68%, 0%, 98% |
| CMY | 0.3176, 1.0000, 0.0157 |
| CMYK | 0.31, 1.00, 0.00, 0.02 |
| HSL | 282°, 100%, 49% |
| HSV | 282°, 100%, 98% |
| XYZ | 34.8681, 15.9637, 92.5103 |
| YIQ | 80.6400, 23.1330, 114.9490 |

Conversions

Conversions Part 2

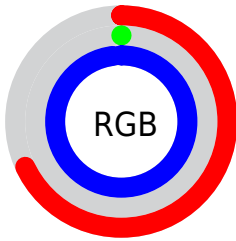
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 174, 0, 251 |
| Decimal | 11403515 |
| CIELab | 46.93, 86.70, -80.93 |
| CIELCh | 47, 118.600, 316.969 |
| Yxy | 15.9637, 0.2433, 0.1114 |
| Android (android.graphics.Color) | 4289593595 (0xFFAE00FB) |
| YUV | 80.6400, 83.9875, 81.8767 |
| Hunter-Lab | 39.9546, 85.8553, -109.3110 |

Details

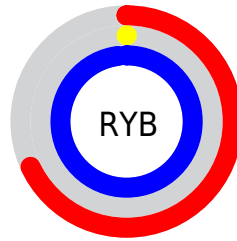
The Hex color **AE00FB** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle saturated purple. A complement of this color would be **4DFB00**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **EC5AFF**, and **7100C1** is the 20% darker color. If you saturate the color by 10%, you get **AE00FB**, and if you desaturate by 10%, it is **B619FB**.

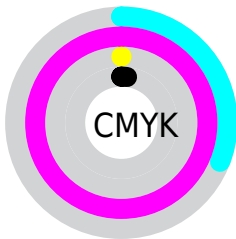
Distribution



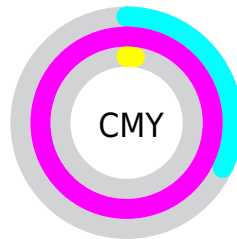
- Red (68%)
- Green (0%)
- Blue (98%)



- Red (68%)
- Yellow (0%)
- Blue (98%)



- Cyan (31%)
- Magenta (100%)
- Yellow (0%)
- Black (2%)



- Cyan (32%)
- Magenta (100%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color AE00FB 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 AE00FB by changing the saturation by 10% instead.

 AE00FB

 AE00FB

FFFFFF

 8F00DE

 EC5AFF

 7100C1

 FF79FF

 5100A5

 FF97FF

 2E008A

 FFB5FF

 00006F

 FFD2FF

 000055

 FFF1FF

 00063D

 000326

 00010F

 AE00FB

 B619FB

 BD32FB

 C54BFB

 CD64FB

 D57EFB

 DC97FB

 E4B0FB

 ECC9FB

 F3E2FB

Harmonies

Analogous

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



006CFF



AE00FB



FF009F

Triad

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



AE00FB



AB5B00



0092A8

Complementary

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



AE00FB



4DFB00

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.



008F3E



AE00FB



507C00

Square

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



AE00FB



EB0000



008A00



0093FF

Rectangle

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



AE00FB



FF005E



008A00



009185

Sweetspot

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



AE00FB



E8B3FF



004FFB



715280



000000



808080

Same Dimension

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



AE00FB



B100FF



FB00CD



79707D



8300BD



2A003D

Inverse Universe

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



FB004D



FF004E



00FB2E



7D7074



BD003A



3D0013

Previews

White Background



This preview shows how the Hex color AE00FB looks on a white background.

Color Contrast Check

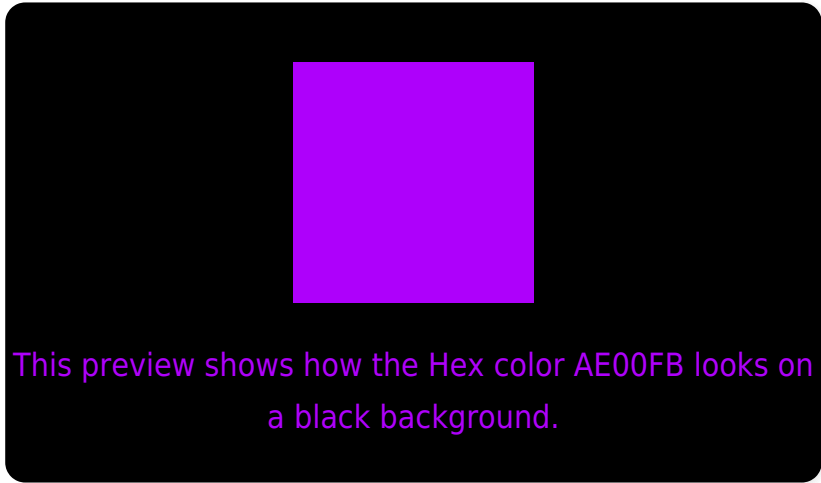
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

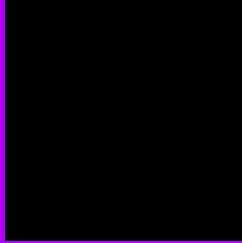
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex AE00FB Background



This preview shows how black text looks on a background with the Hex color AE00FB.



This preview shows how white text looks on a background with the Hex color AE00FB.

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
AE00FB

Protanopia
006DE5

Deuteranopia
0073C6



Tritanopia
95626A

Trichromacy



Original Color
AE00FB



Protanomaly
3F45ED



Deuteranomaly
3F49D9

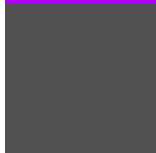


Tritanomaly
9E3E9F

Monochromacy



Original Color
AE00FB



Achromatopsia
515151



Achromatomaly
73348F

CSS Examples

Text

The CSS property to change the color of the text to Hex AE00FB 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 #AE00FB looks like.

```
.text, #text, p{  
    color:#AE00FB  
}
```

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 #AE00FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE00FB
}
```

Border

The CSS property to change the border of an element to Hex AE00FB 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
#AE00FB }
```

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

```
.border{ border-color:#AE00FB }
```

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

Here you see how a box with a 4 pixel #AE00FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE00FB; -webkit-box-shadow:4px 4px  
4px 4px #AE00FB; box-shadow:4px 4px 4px  
4px #AE00FB }
```

Background

The CSS property to change the background color of an element to Hex AE00FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE00FB }
```

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

```
.background{ background-color:#AE00FB }
```

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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