

Converting Colors

Hex(AE6CFF)

Have a look what the booklet for
Hex(AE6CFF) contains.

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Color

Hex(AE6CFF)

Conversions

Conversions Part 1

Format	Color
Hex	AE6CFF
RGB	174, 108, 255
RGB Percent	68%, 42%, 100%
CMY	0.3176, 0.5765, 0.0000
CMYK	0.32, 0.58, 0.00, 0.00
HSL	267°, 100%, 71%
HSV	267°, 58%, 100%
XYZ	40.8681, 26.9438, 97.6544
YIQ	144.4920, -7.8510, 59.7090

Conversions

Conversions Part 2

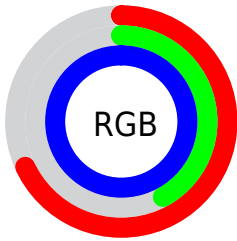
Format	Color
RYB	174, 108, 255
Decimal	11431167
CIELab	58.92, 54.44, -63.70
CIElCh	59, 83.795, 310.522
Yxy	26.9438, 0.2470, 0.1628
Android (android.graphics.Color)	4289621247 (0xFFAE6CFF)
YUV	144.4920, 54.4804, 25.8785
Hunter-Lab	51.9074, 49.6999, -75.2082

Details

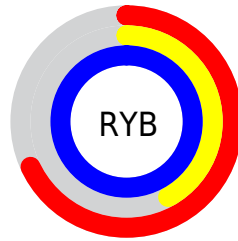
The Hex color **AE6CFF** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **BDF6C**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **E9A2FF**, and **7438C5** is the 20% darker color. If you saturate the color by 10%, you get **A053FF**, and if you desaturate by 10%, it is **BC86FF**.

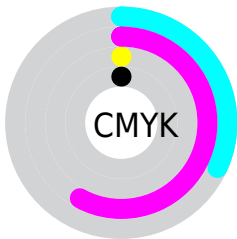
Distribution



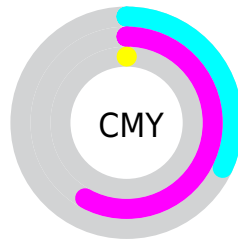
- Red (68%)
- Green (42%)
- Blue (100%)



- Red (68%)
- Yellow (42%)
- Blue (100%)



- Cyan (32%)
- Magenta (58%)
- Yellow (0%)
- Black (0%)



- Cyan (32%)
- Magenta (58%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Hex color AE6CFF 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 AE6CFF by changing the saturation by 10% instead.

 AE6CFF

 AE6CFF

FFFFFF

 9152E2

 E9A2FF

 7438C5

 FFBEFF

 571DA9

 FFDAFF

 39008E

 FFF7FF

 140074

 00005B

 000242

 00032B

 000115

 AE6CFF

 AE6CFF

 A053FF

 BC86FF

 9239FF

 CA9FFF

 8420FF

 D8B9FF

 7606FF

 E6D2FF

 7200FF

 F4ECFF

FFFFFF

Harmonies

Analogous

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



008FFF



AE6CFF



F63EC1

Triad

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



AE6CFF



D27800



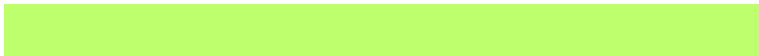
00ADA7

Complementary

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



AE6CFF



BDF6C

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.



00AA59



AE6CFF



949300

Square

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



AE6CFF



FD5130



3BA300



00ACED

Rectangle

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



AE6CFF



FF2890



3BA300



00AD8D

Sweetspot

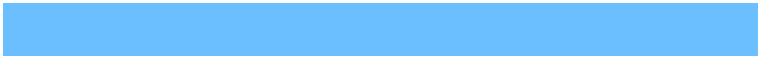
The Sweet Spot groups the original color and five complimentary colors.



AE6CFF



E7D4FF



6CBFFF



716680



000000



808080

Same Dimension

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



AE6CFF



9E4FFF



F56CFF



787380



5600BF



1D0040

Inverse Universe

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



FF6CBD



FF4FB0



76FF6C



80737A



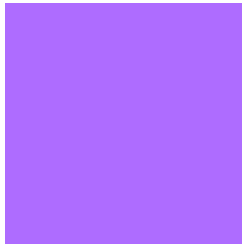
BF0069



400023

Previews

White Background



This preview shows how the Hex color AE6CFF looks on a white background.

Color Contrast Check

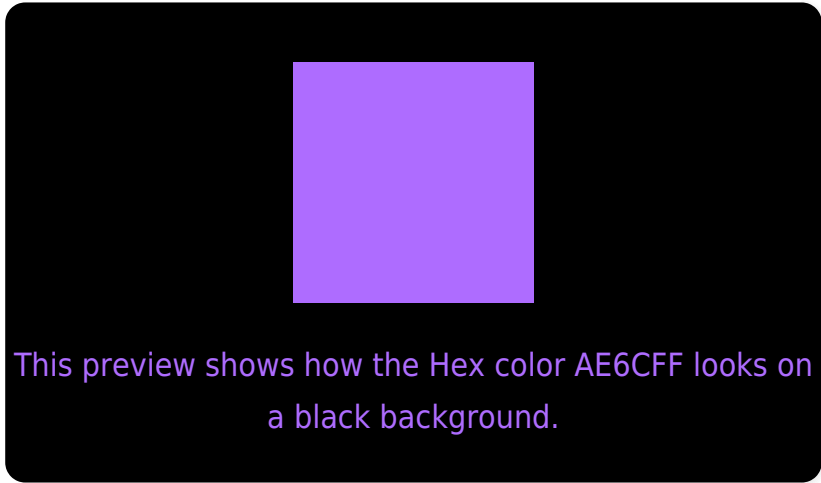
Large Text (above 18pt) WCAG AA ✓ Pass

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

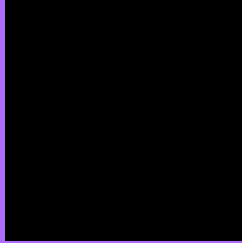
Any Text WCAG AA ✓ Pass

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 AE6CFF Background



This preview shows how black text looks on a background with the Hex color AE6CFF.

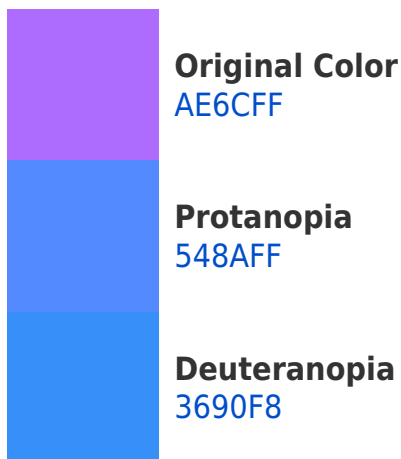


This preview shows how white text looks on a background with the Hex color AE6CFF.

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](#).

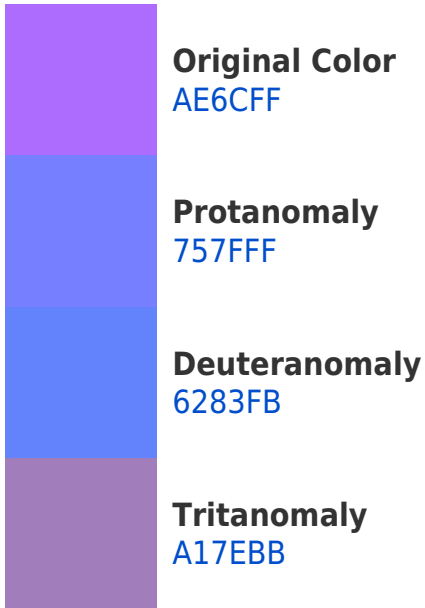
Dichromacy





Tritanopia
998994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AE6CFF 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 #AE6CFF looks like.

```
.text, #text, p{  
    color:#AE6CFF  
}
```

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 #AE6CFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE6CFF
}
```

Border

The CSS property to change the border of an element to Hex AE6CFF 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".

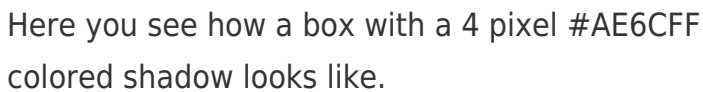
```
.border, #border, table{ border:4px solid
#AE6CFF }
```

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

```
.border{ border-color:#AE6CFF }
```

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

Here you see how a box with a 4 pixel #AE6CFF colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is open, and the shadow is cast to the right and slightly down from the right edge.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE6CFF; -webkit-box-shadow:4px 4px  
4px 4px #AE6CFF; box-shadow:4px 4px 4px  
4px #AE6CFF }
```

Background

The CSS property to change the background color of an element to Hex AE6CFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE6CFF }
```

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

```
.background{ background-color:#AE6CFF }
```

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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