

Converting Colors

Hex(AE66FF)

Have a look what the booklet for
Hex(AE66FF) contains.

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Color

Hex(AE66FF)

Conversions

Conversions Part 1

Format	Color
Hex	AE66FF
RGB	174, 102, 255
RGB Percent	68%, 40%, 100%
CMY	0.3176, 0.6000, 0.0000
CMYK	0.32, 0.60, 0.00, 0.00
HSL	268°, 100%, 70%
HSV	268°, 60%, 100%
XYZ	40.2569, 25.7214, 97.4507
YIQ	140.9700, -6.2010, 62.8470

Conversions

Conversions Part 2

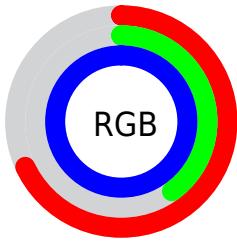
Format	Color
RYB	174, 102, 255
Decimal	11429631
CIELab	57.77, 57.51, -65.55
CIELCh	58, 87.202, 311.265
Yxy	25.7214, 0.2463, 0.1574
Android (android.graphics.Color)	4289619711 (0xFFAE66FF)
YUV	140.9700, 56.2168, 28.9673
Hunter-Lab	50.7163, 52.9340, -78.4236

Details

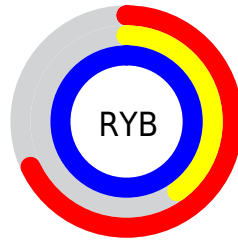
The Hex color **AE66FF** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **B7FF66**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **E99CFF**, and **7431C5** is the 20% darker color. If you saturate the color by 10%, you get **A14DFF**, and if you desaturate by 10%, it is **BC80FF**.

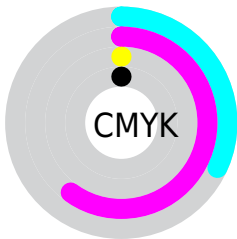
Distribution



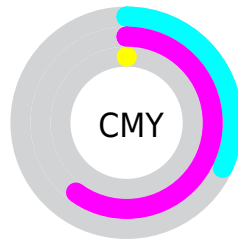
- Red (68%)
- Green (40%)
- Blue (100%)



- Red (68%)
- Yellow (40%)
- Blue (100%)



- Cyan (32%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)



- Cyan (32%)
- Magenta (60%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color AE66FF 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 AE66FF by changing the saturation by 10% instead.

 AE66FF

 AE66FF

FFFFFF

 914CE2

 E99CFF

 7431C5

 FFB8FF

 5713A9

 FFD4FF

 38008E

 FFF1FF

 110074

 00005A

 000342

 00032B

 000115

 AE66FF

 AE66FF

 A14DFF

 BC80FF

 9333FF

 C999FF

 8619FF

 D7B3FF

 7800FF

 E4CCFF

 F2E6FF

FFFFFF

Harmonies

Analogous

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



008BFF



AE66FF



F830BE

Triad

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



AE66FF



CE7500



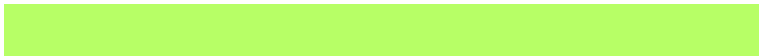
00ABA7

Complementary

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



AE66FF



B7FF66

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.



00A856



AE66FF



8E9100

Square

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



AE66FF



FC4A27



2BA000



00AAEF

Rectangle

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



AE66FF



FF0C8B



2BA000



00AA8C

Sweetspot

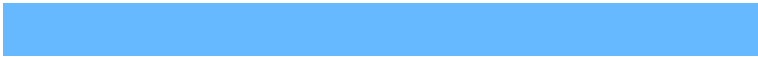
The Sweet Spot groups the original color and five complimentary colors.



AE66FF



E7D1FF



66B8FF



716380



000000



808080

Same Dimension

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



AE66FF



9E47FF



FA66FF



797380



5A00BF



1E0040

Inverse Universe

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



FF66B7



FF47A9



6BFF66



80737A



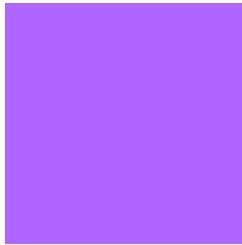
BF0065



400022

Previews

White Background



This preview shows how the Hex color AE66FF looks on a white background.

Color Contrast Check

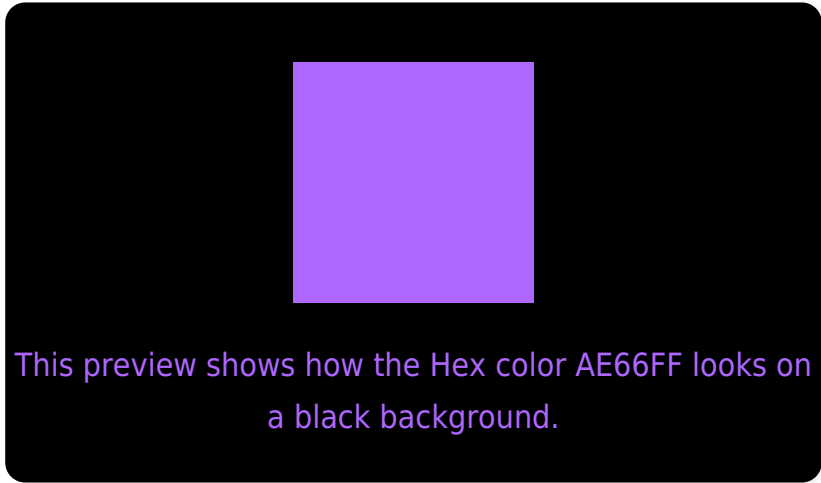
Large Text (above 18pt) WCAG AA ✓ Pass

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

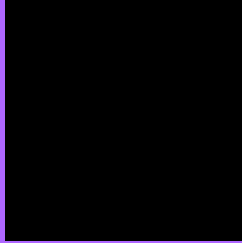
Any Text WCAG AA ✓ Pass

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 AE66FF Background



This preview shows how black text looks on a background with the Hex color AE66FF.

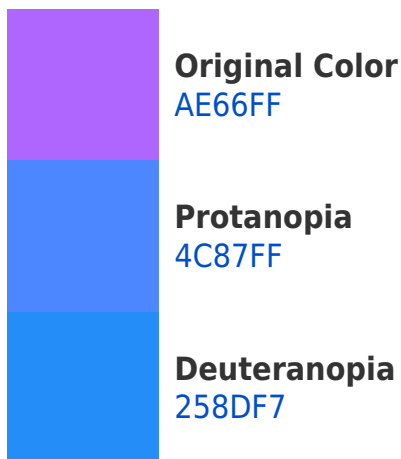


This preview shows how white text looks on a background with the Hex color AE66FF.

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
998590

Trichromacy



Original Color
AE66FF



Protanomaly
707BFF



Deuteranomaly
577FFA



Tritanomaly
A17AB8

Monochromacy



Original Color
AE66FF



Achromatopsia
8D8D8D



Achromatomaly
997FB6

CSS Examples

Text

The CSS property to change the color of the text to Hex AE66FF 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 #AE66FF looks like.

```
.text, #text, p{  
    color:#AE66FF  
}
```

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 #AE66FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE66FF
}
```

Border

The CSS property to change the border of an element to Hex AE66FF 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".

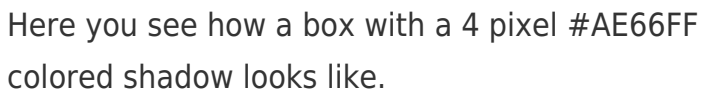
```
.border, #border, table{ border:4px solid
#AE66FF }
```

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

```
.border{ border-color:#AE66FF }
```

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

Here you see how a box with a 4 pixel #AE66FF 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 shadowed, creating a 3D effect. The shadow is a darker shade of purple.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE66FF; -webkit-box-shadow:4px 4px  
4px 4px #AE66FF; box-shadow:4px 4px 4px  
4px #AE66FF }
```

Background

The CSS property to change the background color of an element to Hex AE66FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE66FF }
```

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

```
.background{ background-color:#AE66FF }
```

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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