

Converting Colors

Hex(AF6AFF)

Have a look what the booklet for
Hex(AF6AFF) contains.

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Color

Hex(AF6AFF)

Conversions

Conversions Part 1

Format	Color
Hex	AF6AFF
RGB	175, 106, 255
RGB Percent	69%, 42%, 100%
CMY	0.3137, 0.5843, 0.0000
CMYK	0.31, 0.58, 0.00, 0.00
HSL	268°, 100%, 71%
HSV	268°, 58%, 100%
XYZ	40.8832, 26.6420, 97.5954
YIQ	143.6170, -6.7050, 60.9670

Conversions

Conversions Part 2

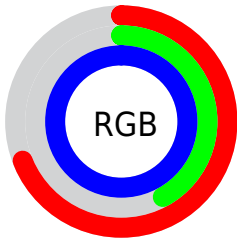
Format	Color
RYB	175, 106, 255
Decimal	11496191
CIELab	58.64, 55.70, -64.14
CIELCh	59, 84.953, 310.971
Yxy	26.6420, 0.2476, 0.1613
Android (android.graphics.Color)	4289686271 (0xFFAF6AFF)
YUV	143.6170, 54.9118, 27.5229
Hunter-Lab	51.6159, 51.0560, -75.9744

Details

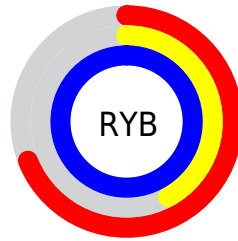
The Hex color **AF6AFF** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **BAFF6A**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **EAA0FF**, and **7536C5** is the 20% darker color. If you saturate the color by 10%, you get **A151FF**, and if you desaturate by 10%, it is **BD84FF**.

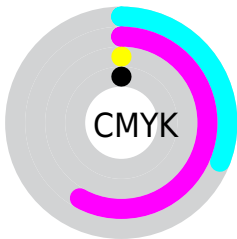
Distribution



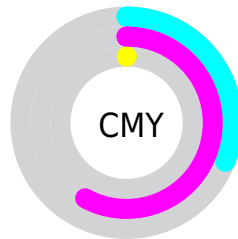
- Red (69%)
- Green (42%)
- Blue (100%)



- Red (69%)
- Yellow (42%)
- Blue (100%)



- Cyan (31%)
- Magenta (58%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (58%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF6AFF 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 AF6AFF by changing the saturation by 10% instead.

 AF6AFF

 AF6AFF

FFFFFF

 9250E2

 EAA0FF

 7536C5

 FFBCFF

 581AA9

 FFD8FF

 3A008E

 FFF5FF

 150074

 00005B

 000242

 00032B

 000115

 AF6AFF

 AF6AFF

 A151FF

 BD84FF

 9437FF

 CA9DFF

 861EFF

 D8B7FF

 7804FF

 E6D0FF

 7600FF

 F3EAFF

FFFFFF

Harmonies

Analogous

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



008EFF



AF6AFF



F73ABF

Triad

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



AF6AFF



D07700



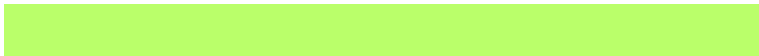
00ADA7

Complementary

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



AF6AFF



BAFF6A

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



AF6AFF



929300

Square

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



AF6AFF



FD4F2D



35A200



00ABEE

Rectangle

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



AF6AFF



FF228E



35A200



00AC8D

Sweetspot

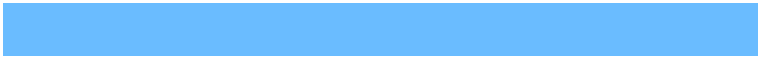
The Sweet Spot groups the original color and five complimentary colors.



AF6AFF



E6D1FF



6ABCFF



706380



000000



808080

Same Dimension

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



AF6AFF



9F4DFF



F86AFF



797380



5900BF



1E0040

Inverse Universe

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



FF6ABA



FF4DAC



71FF6A



80737A



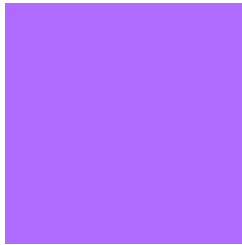
BF0067



400022

Previews

White Background



This preview shows how the Hex color AF6AFF looks on a white background.

Color Contrast Check

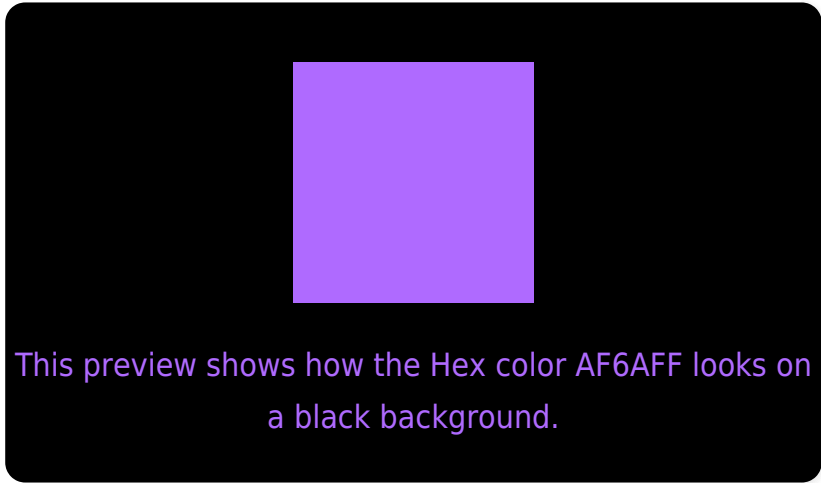
Large Text (above 18pt) WCAG AA ✓ Pass

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

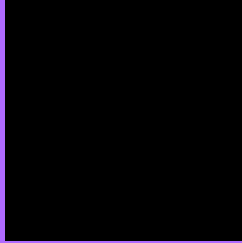
Any Text WCAG AA ✓ Pass

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 AF6AFF Background



This preview shows how black text looks on a background with the Hex color AF6AFF.

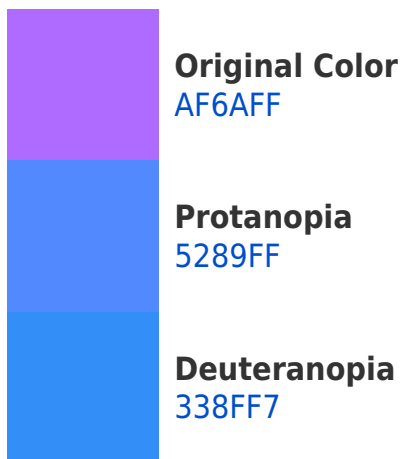


This preview shows how white text looks on a background with the Hex color AF6AFF.

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](#).

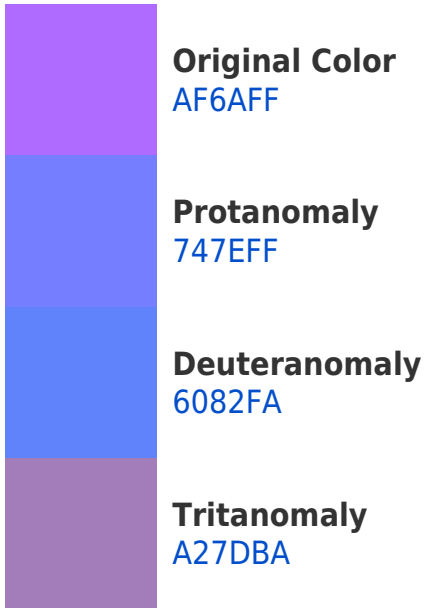
Dichromacy



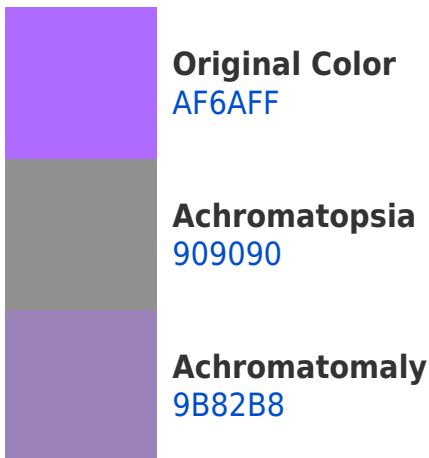


Tritanopia
9A8892

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF6AFF 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 #AF6AFF looks like.

```
.text, #text, p{  
    color:#AF6AFF  
}
```

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 #AF6AFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF6AFF
}
```

Border

The CSS property to change the border of an element to Hex AF6AFF 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
#AF6AFF }
```

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

```
.border{ border-color:#AF6AFF }
```

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

Here you see how a box with a 4 pixel #AF6AFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF6AFF; -webkit-box-shadow:4px 4px  
4px 4px #AF6AFF; box-shadow:4px 4px 4px  
4px #AF6AFF }
```

Background

The CSS property to change the background color of an element to Hex AF6AFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF6AFF }
```

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

```
.background{ background-color:#AF6AFF }
```

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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