

Converting Colors

Hex(AF80FF)

Have a look what the booklet for
Hex(AF80FF) contains.

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Color

Hex(AF80FF)

Conversions

Conversions Part 1

Format	Color
Hex	AF80FF
RGB	175, 128, 255
RGB Percent	69%, 50%, 100%
CMY	0.3137, 0.4980, 0.0000
CMYK	0.31, 0.50, 0.00, 0.00
HSL	262°, 100%, 75%
HSV	262°, 50%, 100%
XYZ	43.4484, 31.7723, 98.4504
YIQ	156.5310, -12.7550, 49.4610

Conversions

Conversions Part 2

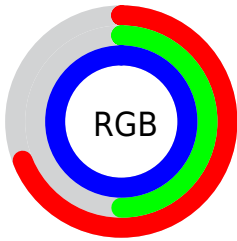
Format	Color
R_{YB}	175, 128, 255
Decimal	11501823
CIE _{Lab}	63.15, 43.98, -56.92
CIE _{LCh}	63, 71.937, 307.693
Yxy	31.7723, 0.2502, 0.1829
Android (android.graphics.Color)	4289691903 (0xFFAF80FF)
YUV	156.5310, 48.5452, 16.1973
Hunter-Lab	56.3669, 38.9480, -64.0990

Details

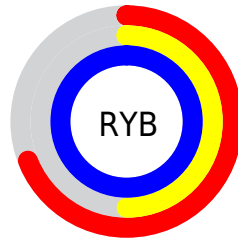
The Hex color **AF80FF** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **D0FF80**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **E9B6FF**, and **764DC6** is the 20% darker color. If you saturate the color by 10%, you get **9F67FF**, and if you desaturate by 10%, it is **BF9AFF**.

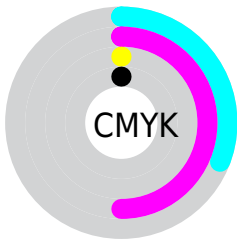
Distribution



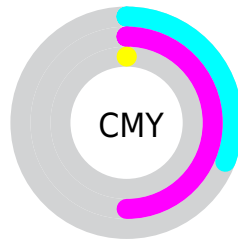
- Red (69%)
- Green (50%)
- Blue (100%)



- Red (69%)
- Yellow (50%)
- Blue (100%)



- Cyan (31%)
- Magenta (50%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (50%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF80FF 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 AF80FF by changing the saturation by 10% instead.

 AF80FF

 AF80FF

FFFFFF

 9266E2

 E9B6FF

 764DC6

 FFD2FF

 5A35AA

 FFEEFF

 3E1D8F

 1D0374

 00005B

 000043

 00032B

 000116

 AF80FF

 AF80FF

 9F67FF

 BF9AFF

 8F4DFF

 CFB3FF

 7F33FF

 DFCDFF

 6F1AFF

 EFE6FF

 5F00FF

FFFFFF

 5E00FF

Harmonies

Analogous

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



009BFF



AF80FF



F162CB

Triad

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



AF80FF



DD8411



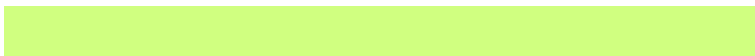
00B6A8

Complementary

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



AF80FF



D0FF80

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.



00B365



AF80FF



A89B00

Square

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



AF80FF



FF674E



63AB25



00B5E6

Rectangle

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



AF80FF



FF56A1



63AB25



00B692

Sweetspot

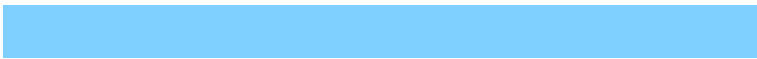
The Sweet Spot groups the original color and five complimentary colors.



AF80FF



E7D9FF



80D0FF



716980



000000



808080

Same Dimension

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



AF80FF



9F66FF



EE80FF



777380



4700BF



180040

Inverse Universe

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



FF80D0



FF66C6



91FF80



80737B



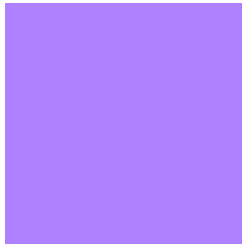
BF0078



400028

Previews

White Background



This preview shows how the Hex color AF80FF looks on a white background.

Color Contrast Check

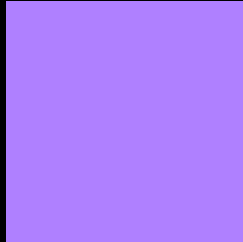
Large Text (above 18pt) WCAG AA × Fail

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 AF80FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

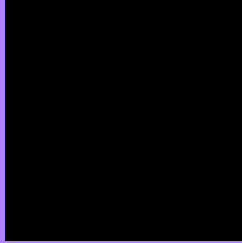
Any Text WCAG AA ✓ Pass

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 AF80FF Background



This preview shows how black text looks on a background with the Hex color AF80FF.

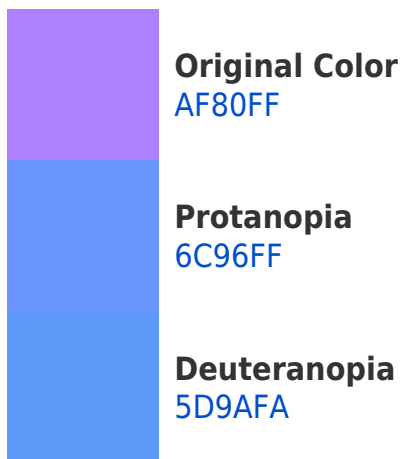


This preview shows how white text looks on a background with the Hex color AF80FF.

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](#).

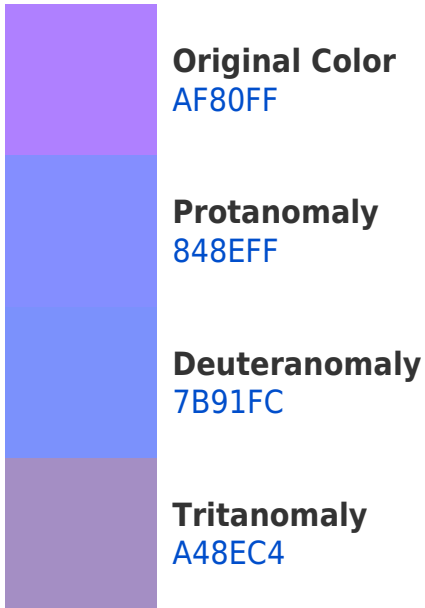
Dichromacy



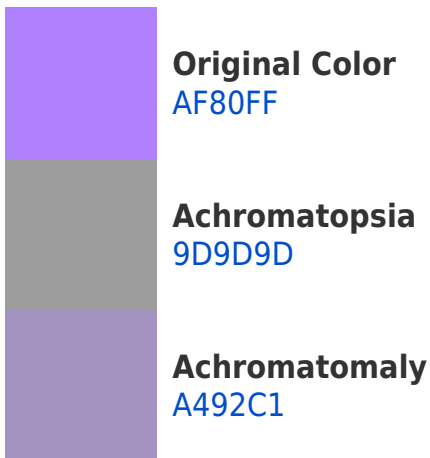


Tritanopia
9D96A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF80FF 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 #AF80FF looks like.

```
.text, #text, p{  
    color:#AF80FF  
}
```

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 #AF80FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF80FF
}
```

Border

The CSS property to change the border of an element to Hex AF80FF 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
#AF80FF }
```

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

```
.border{ border-color:#AF80FF }
```

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

Here you see how a box with a 4 pixel #AF80FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF80FF; -webkit-box-shadow:4px 4px  
4px 4px #AF80FF; box-shadow:4px 4px 4px  
4px #AF80FF }
```

Background

The CSS property to change the background color of an element to Hex AF80FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF80FF }
```

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

```
.background{ background-color:#AF80FF }
```

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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