

Converting Colors

Hex(AF68FF)

Have a look what the booklet for
Hex(AF68FF) contains.

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Color

Hex(AF68FF)

Conversions

Conversions Part 1

Format	Color
Hex	AF68FF
RGB	175, 104, 255
RGB Percent	69%, 41%, 100%
CMY	0.3137, 0.5922, 0.0000
CMYK	0.31, 0.59, 0.00, 0.00
HSL	268°, 100%, 70%
HSV	268°, 59%, 100%
XYZ	40.6795, 26.2346, 97.5275
YIQ	142.4430, -6.1550, 62.0130

Conversions

Conversions Part 2

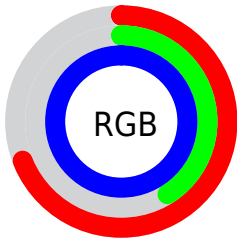
Format	Color
R_{YB}	175, 104, 255
Decimal	11495679
CIE _{Lab}	58.26, 56.72, -64.76
CIE _{LCh}	58, 86.087, 311.216
Yxy	26.2346, 0.2474, 0.1595
Android (android.graphics.Color)	4289685759 (0xFFAF68FF)
YUV	142.4430, 55.4906, 28.5525
Hunter-Lab	51.2197, 52.1330, -77.0403

Details

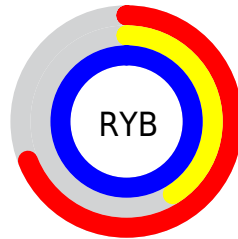
The Hex color **AF68FF** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **B8FF68**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **EA9EFF**, and **7533C5** is the 20% darker color. If you saturate the color by 10%, you get **A14FFF**, and if you desaturate by 10%, it is **BD82FF**.

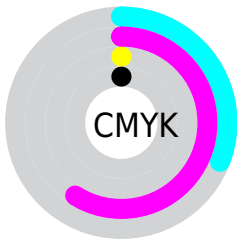
Distribution



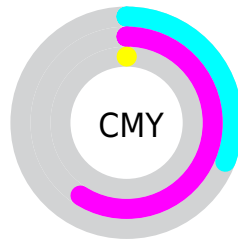
- Red (69%)
- Green (41%)
- Blue (100%)



- Red (69%)
- Yellow (41%)
- Blue (100%)



- Cyan (31%)
- Magenta (59%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (59%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF68FF 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 AF68FF by changing the saturation by 10% instead.

 AF68FF

 AF68FF

FFFFFF

 924EE2

 EA9EFF

 7533C5

 FFBAFF

 5817A9

 FFD6FF

 3A008E

 FFF3FF

 140074

 00005A

 000242

 00032B

 000115

 AF68FF

 AF68FF

 A14FFF

 BD82FF

 9435FF

 CA9BFF

 861BFF

 D8B4FF

 7902FF

 E5CEFF

 7800FF

 F3E8FF

FFFFFF

Harmonies

Analogous

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



008DFF



AF68FF



F836BE

Triad

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



AF68FF



CF7600



00ACA7

Complementary

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



AF68FF



B8FF68

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.



00A958



AF68FF



909200

Square

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



AF68FF



FC4D2A



30A200



00ABEF

Rectangle

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



AF68FF



FF198C



30A200



00AC8D

Sweetspot

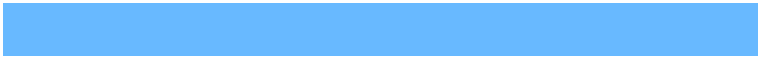
The Sweet Spot groups the original color and five complimentary colors.



AF68FF



E7D1FF



68B9FF



716380



000000



808080

Same Dimension

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



AF68FF



9F4AFF



FA68FF



797380



5A00BF



1E0040

Inverse Universe

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



FF68B8



FF4AAA



6DFF68



80737A



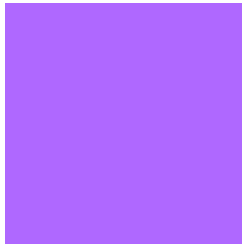
BF0065



400022

Previews

White Background



This preview shows how the Hex color AF68FF looks on a white background.

Color Contrast Check

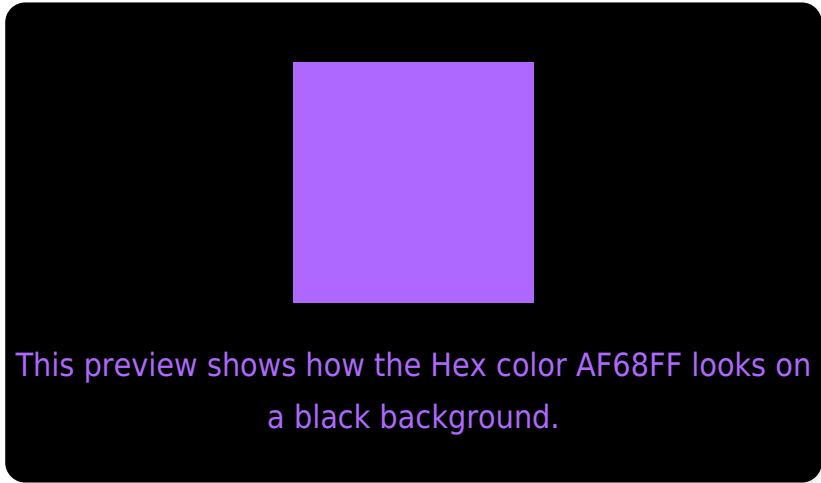
Large Text (above 18pt) WCAG AA ✓ Pass

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

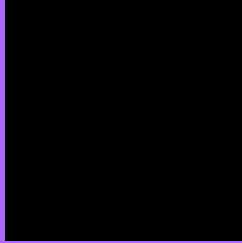
Any Text WCAG AA ✓ Pass

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 AF68FF Background



This preview shows how black text looks on a background with the Hex color AF68FF.

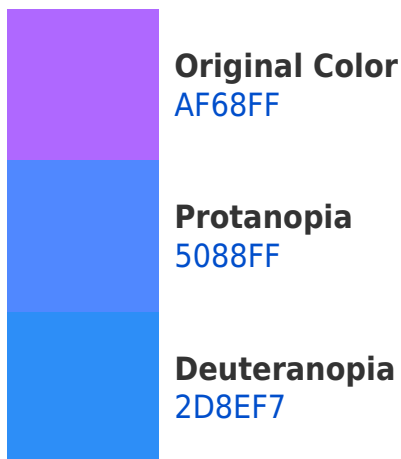



This preview shows how white text looks on a background with the Hex color AF68FF.

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](#).

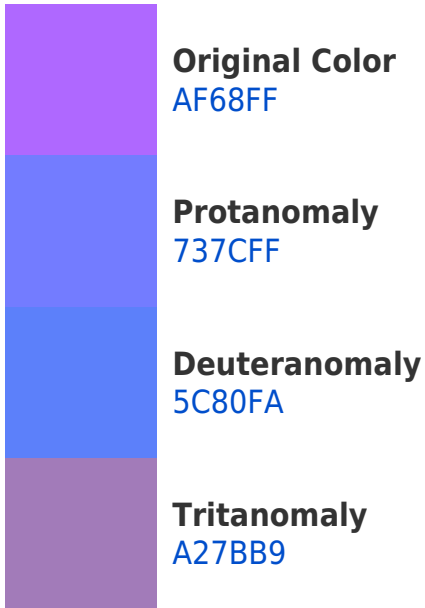
Dichromacy





Tritanopia
9A8691

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF68FF 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 #AF68FF looks like.

```
.text, #text, p{  
    color:#AF68FF  
}
```

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 #AF68FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF68FF
}
```

Border

The CSS property to change the border of an element to Hex AF68FF 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
#AF68FF }
```

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

```
.border{ border-color:#AF68FF }
```

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

Here you see how a box with a 4 pixel #AF68FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF68FF; -webkit-box-shadow:4px 4px  
4px 4px #AF68FF; box-shadow:4px 4px 4px  
4px #AF68FF }
```

Background

The CSS property to change the background color of an element to Hex AF68FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF68FF }
```

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

```
.background{ background-color:#AF68FF }
```

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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