

Converting Colors

Hex(AF90FF)

Have a look what the booklet for
Hex(AF90FF) contains.

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Color

Hex(AF90FF)

Conversions

Conversions Part 1

Format	Color
Hex	AF90FF
RGB	175, 144, 255
RGB Percent	69%, 56%, 100%
CMY	0.3137, 0.4353, 0.0000
CMYK	0.31, 0.44, 0.00, 0.00
HSL	257°, 100%, 78%
HSV	257°, 44%, 100%
XYZ	45.7025, 36.2805, 99.2018
YIQ	165.9230, -17.1550, 41.0930

Conversions

Conversions Part 2

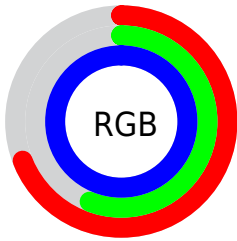
Format	Color
R_{YB}	175, 144, 255
Decimal	11505919
CIE _{Lab}	66.73, 35.10, -51.24
CIE _{LCh}	67, 62.114, 304.413
Yxy	36.2805, 0.2522, 0.2002
Android (android.graphics.Color)	4289695999 (0xFFAF90FF)
YUV	165.9230, 43.9150, 7.9605
Hunter-Lab	60.2333, 30.0300, -55.4850

Details

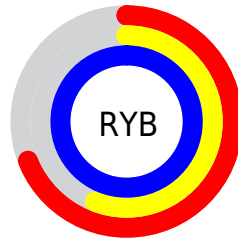
The Hex color **AF90FF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **E0FF90**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **E9C6FF**, and **775DC6** is the 20% darker color. If you saturate the color by 10%, you get **9D77FF**, and if you desaturate by 10%, it is **C1AAFF**.

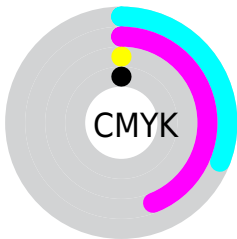
Distribution



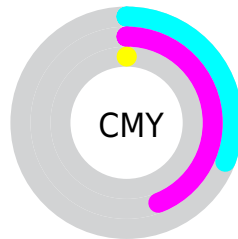
- Red (69%)
- Green (56%)
- Blue (100%)



- Red (69%)
- Yellow (56%)
- Blue (100%)



- Cyan (31%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (44%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF90FF 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 AF90FF by changing the saturation by 10% instead.

 AF90FF

 AF90FF

FFFFFF

 9376E2

 E9C6FF

 775DC6

 FFE2FF

 5C45AA

 402E8F

 211875

 00035C

 000043

 00032C

 000116

 AF90FF

 AF90FF

 9D77FF

 C1AAFF

 8A5DFF

 D4C3FF

 7843FF

 E6DDFF

 652AFF

 F9F6FF

 5310FF

FFFFFF

 4700FF

Harmonies

Analogous

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



2BA6FF



AF90FF



ED79D4

Triad

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



AF90FF



E58E3B



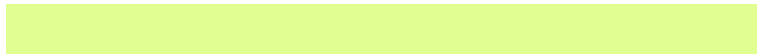
00BDA9

Complementary

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



AF90FF



E0FF90

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.



12BA70



AF90FF



B8A227

Square

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



AF90FF



FF7866



7EB13F



00BCE0

Rectangle

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



AF90FF



FF6FAF



7EB13F



00BD96

Sweetspot

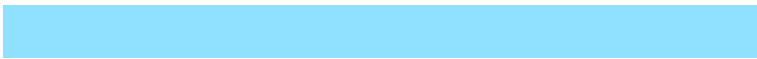
The Sweet Spot groups the original color and five complimentary colors.



AF90FF



E7DEFF



90E1FF



716B80



000000



808080

Same Dimension

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



AF90FF



9F7AFF



E590FF



767380



3500BF



120040

Inverse Universe

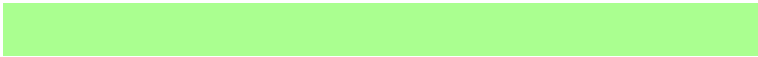
The Inverse Universe completely reimagines the original color for something new.



FF90E0



FF7ADA



AAFF90



80737C



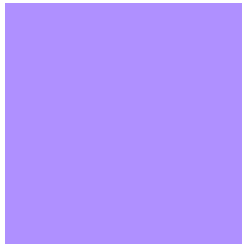
BF008A



40002E

Previews

White Background



This preview shows how the Hex color AF90FF looks on a white background.

Color Contrast Check

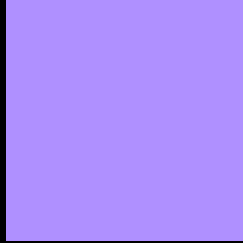
Large Text (above 18pt) WCAG AA × Fail

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 AF90FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

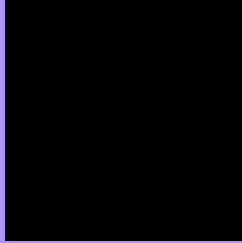
Any Text WCAG AA ✓ Pass

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 AF90FF Background



This preview shows how black text looks on a background with the Hex color AF90FF.

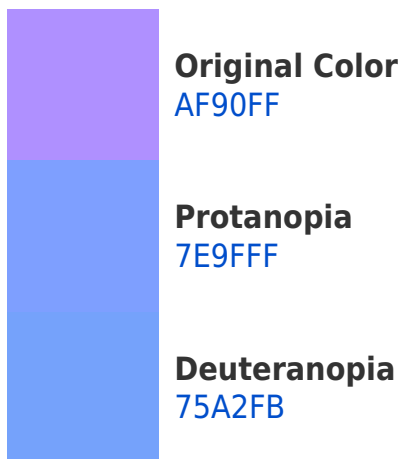


This preview shows how white text looks on a background with the Hex color AF90FF.

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](#).

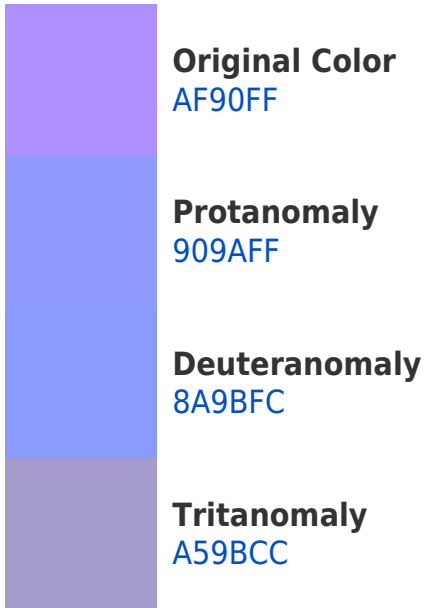
Dichromacy



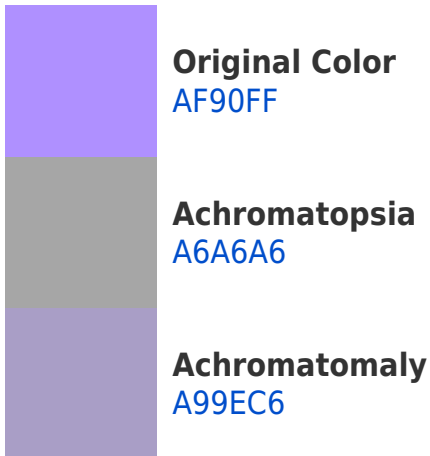


Tritanopia
9FA2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF90FF 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 #AF90FF looks like.

```
.text, #text, p{  
    color:#AF90FF  
}
```

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 #AF90FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF90FF
}
```

Border

The CSS property to change the border of an element to Hex AF90FF 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
#AF90FF }
```

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

```
.border{ border-color:#AF90FF }
```

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

Here you see how a box with a 4 pixel #AF90FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF90FF; -webkit-box-shadow:4px 4px  
4px 4px #AF90FF; box-shadow:4px 4px 4px  
4px #AF90FF }
```

Background

The CSS property to change the background color of an element to Hex AF90FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF90FF }
```

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

```
.background{ background-color:#AF90FF }
```

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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