

Converting Colors

Hex(AF00FF)

Have a look what the booklet for
Hex(AF00FF) contains.

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Color

Hex(AF00FF)

Conversions

Conversions Part 1

Format	Color
Hex	AF00FF
RGB	175, 0, 255
RGB Percent	69%, 0%, 100%
CMY	0.3137, 1.0000, 0.0000
CMYK	0.31, 1.00, 0.00, 0.00
HSL	281°, 100%, 50%
HSV	281°, 100%, 100%
XYZ	35.7292, 16.3340, 95.8774
YIQ	81.3950, 22.4450, 116.4050

Conversions

Conversions Part 2

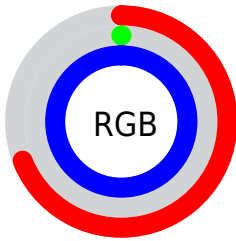
Format	Color
R_{YB}	175, 0, 255
Decimal	11469055
CIE _{Lab}	47.41, 87.54, -82.37
CIE _{LCh}	47, 120.198, 316.742
Yxy	16.3340, 0.2415, 0.1104
Android (android.graphics.Color)	4289659135 (0xFFAF00FF)
YUV	81.3950, 85.5873, 82.0916
Hunter-Lab	40.4153, 87.0764, -112.3632

Details

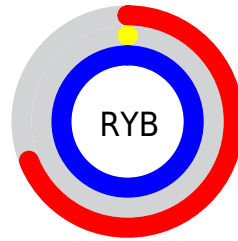
The Hex color **AF00FF** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle saturated purple. A complement of this color would be **50FF00**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **ED5BFF**, and **7100C5** is the 20% darker color. If you saturate the color by 10%, you get **AF00FF**, and if you desaturate by 10%, it is **B719FF**.

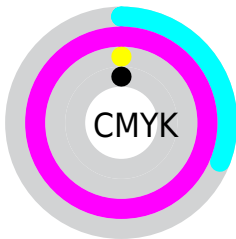
Distribution



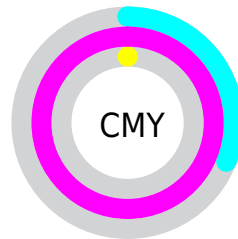
- Red (69%)
- Green (0%)
- Blue (100%)



- Red (69%)
- Yellow (0%)
- Blue (100%)



- Cyan (31%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (100%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF00FF 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 AF00FF by changing the saturation by 10% instead.

 AF00FF

 AF00FF

FFFFFF

 9000E2

 ED5BFF

 7100C5

 FF7AFF

 5100A9

 FF97FF

 2E008D

 FFB5FF

 000073

 FFD3FF

 000059

 FFF1FF

 000740

 000329

 000113

 AF00FF

 B719FF

 BF33FF

 C74DFF

 CF66FF

 D780FF

 DF99FF

 E7B3FF

 EFCCFF

 F7E6FF

Harmonies

Analogous

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



006EFF



AF00FF



FF00A2

Triad

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



AF00FF



AD5B00



0094A9

Complementary

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



AF00FF



50FF00

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.



00913D



AF00FF



527D00

Square

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



AF00FF



EE0000



008B00



0094FF

Rectangle

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



AF00FF



FF0060



008B00



009386

Sweetspot

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



AF00FF



E7B3FF



0051FF



715280



000000



808080

Same Dimension

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



AF00FF



FF00D0



7C7380



8300BF



2C0040

Inverse Universe

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



FF0050



00FF2F



807377



BF003C



400014

Previews

White Background



This preview shows how the Hex color AF00FF looks on a white background.

Color Contrast Check

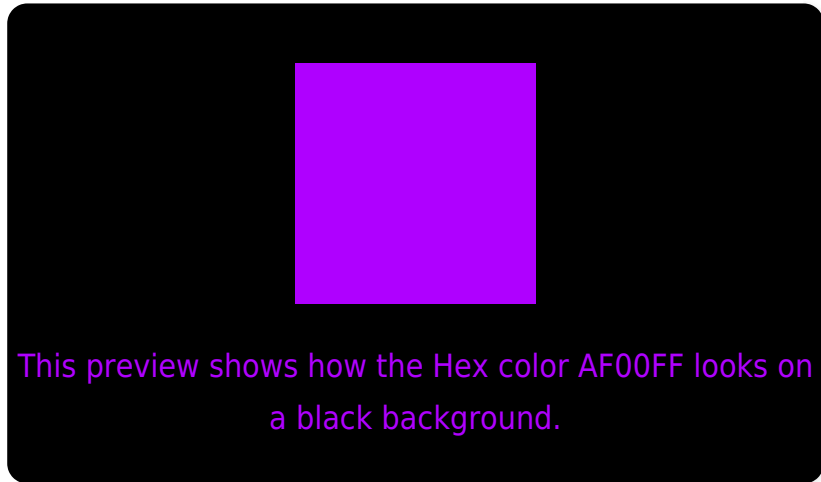
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex AF00FF Background



This preview shows how black text looks on a background with the Hex color AF00FF.

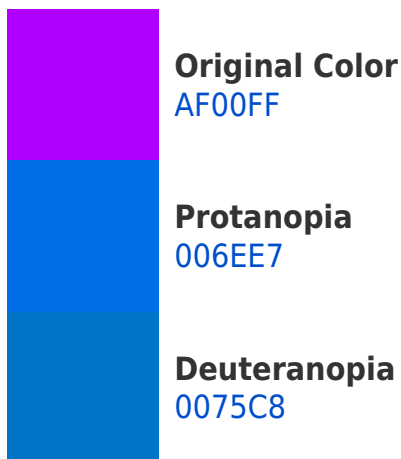


This preview shows how white text looks on a background with the Hex color AF00FF.

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
95646B

Trichromacy



Original Color
AF00FF



Protanomaly
4046F0



Deuteranomaly
404ADC



Tritanomaly
9E40A1

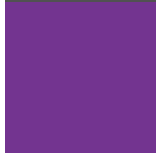
Monochromacy



Original Color
AF00FF



Achromatopsia
515151



Achromatomaly
733490

CSS Examples

Text

The CSS property to change the color of the text to Hex AF00FF 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 #AF00FF looks like.

```
.text, #text, p{  
    color:#AF00FF  
}
```

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 #AF00FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF00FF
}
```

Border

The CSS property to change the border of an element to Hex AF00FF 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
#AF00FF }
```

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

```
.border{ border-color:#AF00FF }
```

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

Here you see how a box with a 4 pixel #AF00FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF00FF; -webkit-box-shadow:4px 4px  
4px 4px #AF00FF; box-shadow:4px 4px 4px  
4px #AF00FF }
```

Background

The CSS property to change the background color of an element to Hex AF00FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF00FF }
```

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

```
.background{ background-color:#AF00FF }
```

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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