

Converting Colors

Hex(AF0FF0)

Have a look what the booklet for
Hex(AF0FF0) contains.

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Color

Hex(AF0FF0)

Conversions

Conversions Part 1

Format	Color
Hex	AF0FF0
RGB	175, 15, 240
RGB Percent	69%, 6%, 94%
CMY	0.3137, 0.9412, 0.0588
CMYK	0.27, 0.94, 0.00, 0.06
HSL	283°, 88%, 50%
HSV	283°, 94%, 94%
XYZ	33.5782, 15.7469, 83.7078
YIQ	88.4900, 23.1350, 103.8950

Conversions

Conversions Part 2

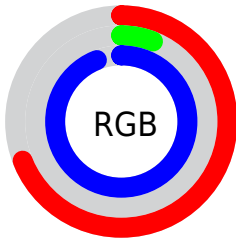
Format	Color
R _Y B	175, 15, 240
Decimal	11472880
CIE Lab	46.64, 83.46, -75.22
CIE LCh	47, 112.352, 317.974
Yxy	15.7469, 0.2524, 0.1184
Android (android.graphics.Color)	4289662960 (0xFFAF0FF0)
YUV	88.4900, 74.6944, 75.8693
Hunter-Lab	39.6823, 81.5981, -97.2914

Details

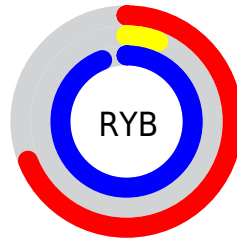
The Hex color **AF0FF0** is a dark color, and the websafe version is hex **CC33FF**. The color can be described as middle saturated purple. A complement of this color would be **50F00F**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **EC5DFF**, and **7300B7** is the 20% darker color. If you saturate the color by 10%, you get **AB00F0**, and if you desaturate by 10%, it is **B627F0**.

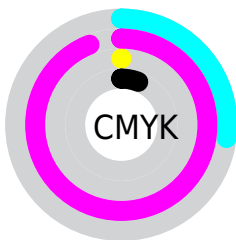
Distribution



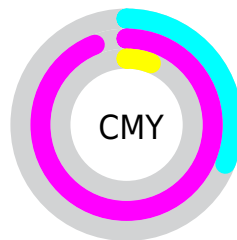
- Red (69%)
- Green (6%)
- Blue (94%)



- Red (69%)
- Yellow (6%)
- Blue (94%)



- Cyan (27%)
- Magenta (94%)
- Yellow (0%)
- Black (6%)



- Cyan (31%)
- Magenta (94%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Hex color AF0FF0 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 AF0FF0 by changing the saturation by 10% instead.

 AF0FF0

 AF0FF0

FFFFFF

 9100D3

 EC5DFF

 7300B7

 FF7BFF

 54009B

 FF99FF

 340080

 FFB7FF

 090066

 FFD4FF

 00004D

 FFF2FF

 000535

 00021F

 000001

 AF0FF0

 AF0FF0

 AB00F0

 B627F0

 BD3FF0

 C457F0

 CB6FF0

 D287F0

 D99FF0

 E0B7F0

 E6CFF0

 EDE7F0

Harmonies

Analogous

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



006AFF



AF0FF0



FA0099

Triad

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



AF0FF0



A65D00



0090A7

Complementary

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



AF0FF0



50F00F

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.



008E43



AF0FF0



4F7B00

Square

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



AF0FF0



E30000



008800



0090FD

Rectangle

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



AF0FF0



FF005B



008800



008F87

Sweetspot

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



AF0FF0



EAB8FF



0F52F0



735480



000000



808080

Same Dimension

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



AF0FF0



B500FF



F00FC3



746C78



8300B8



280038

Inverse Universe

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



F00F50



FF004A



0FF03C



786C6F



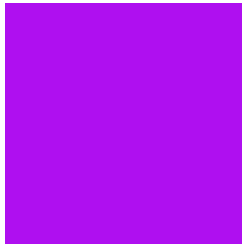
B80035



380010

Previews

White Background



This preview shows how the Hex color AF0FF0 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

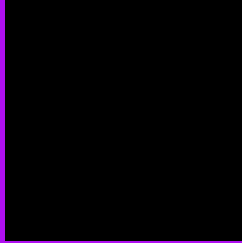
Any Text WCAG AA × Fail

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 AF0FF0 Background



This preview shows how black text looks on a background with the Hex color AF0FF0.

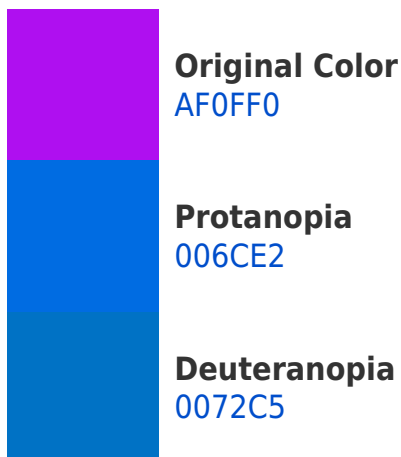


This preview shows how white text looks on a background with the Hex color AF0FF0.

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
995F66

Trichromacy



Original Color

AF0FF0



Protanomaly

404AE7



Deuteranomaly

404ED5



Tritanomaly

A14298

Monochromacy



Original Color

AF0FF0



Achromatopsia

585858



Achromatomaly

783D8F

CSS Examples

Text

The CSS property to change the color of the text to Hex AF0FF0 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 #AF0FF0 looks like.

```
.text, #text, p{  
    color:#AF0FF0  
}
```

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 #AF0FF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF0FF0
}
```

Border

The CSS property to change the border of an element to Hex AF0FF0 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
#AF0FF0 }
```

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

```
.border{ border-color:#AF0FF0 }
```

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

Here you see how a box with a 4 pixel #AF0FF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF0FF0; -webkit-box-shadow:4px 4px  
4px 4px #AF0FF0; box-shadow:4px 4px 4px  
4px #AF0FF0 }
```

Background

The CSS property to change the background color of an element to Hex AF0FF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF0FF0 }
```

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

```
.background{ background-color:#AF0FF0 }
```

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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