

Converting Colors

Hex(AA0FF0)

Have a look what the booklet for
Hex(AA0FF0) contains.

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Color

Hex(AA0FF0)

Conversions

Conversions Part 1

Format	Color
Hex	AA0FF0
RGB	170, 15, 240
RGB Percent	67%, 6%, 94%
CMY	0.3333, 0.9412, 0.0588
CMYK	0.29, 0.94, 0.00, 0.06
HSL	281°, 88%, 50%
HSV	281°, 94%, 94%
XYZ	32.4766, 15.1790, 83.6562
YIQ	86.9950, 20.1550, 102.8350

Conversions

Conversions Part 2

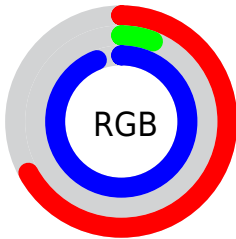
Format	Color
R_{YB}	170, 15, 240
Decimal	11145200
CIE _{Lab}	45.88, 82.84, -76.49
CIE _{LCh}	46, 112.752, 317.280
Yxy	15.1790, 0.2473, 0.1156
Android (android.graphics.Color)	4289335280 (0xFFAA0FF0)
YUV	86.9950, 75.4315, 72.7954
Hunter-Lab	38.9602, 80.6143, -100.0367

Details

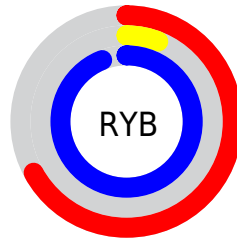
The Hex color **AA0FF0** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle saturated purple. A complement of this color would be **55F00F**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **E75DFF**, and **6E00B7** is the 20% darker color. If you saturate the color by 10%, you get **A500F0**, and if you desaturate by 10%, it is **B127F0**.

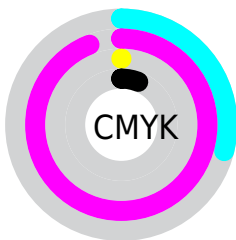
Distribution



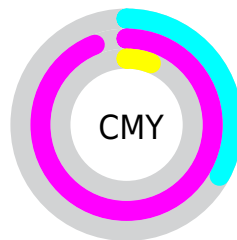
- Red (67%)
- Green (6%)
- Blue (94%)



- Red (67%)
- Yellow (6%)
- Blue (94%)



- Cyan (29%)
- Magenta (94%)
- Yellow (0%)
- Black (6%)



- Cyan (33%)
- Magenta (94%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA0FF0 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 AA0FF0 by changing the saturation by 10% instead.

 AA0FF0

 AA0FF0

FFFFFF

 8C00D3

 E75DFF

 6E00B7

 FF7AFF

 4F009B

 FF98FF

 2D0080

 FFB5FF

 000066

 FFD3FF

 00004C

 FFF1FF

 000535

 00021E

 000001

 AA0FF0

 AA0FF0

 A500F0

 B127F0

 B93FF0

 C057F0

 C86FF0

 CF87F0

 D79FF0

 DEB7F0

 E6CFF0

 EDE7F0

Harmonies

Analogous

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



0069FF



AA0FF0



F70099

Triad

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



AA0FF0



A55A00



008EA3

Complementary

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



AA0FF0



55F00F

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.



008B3F



AA0FF0



507900

Square

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



AA0FF0



E20000



008600



008EF9

Rectangle

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



AA0FF0



FF005B



008600



008D83

Sweetspot

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



AA0FF0



E9B8FF



0F56F0



725480



000000



808080

Same Dimension

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



AA0FF0



B000FF



F00FC7



746C78



7E00B8



270038

Inverse Universe

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



F00F55



FF004F



0FF038



786C70



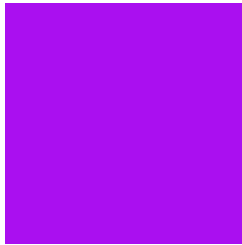
B80039



380011

Previews

White Background



This preview shows how the Hex color AA0FF0 looks on a white background.

Color Contrast Check

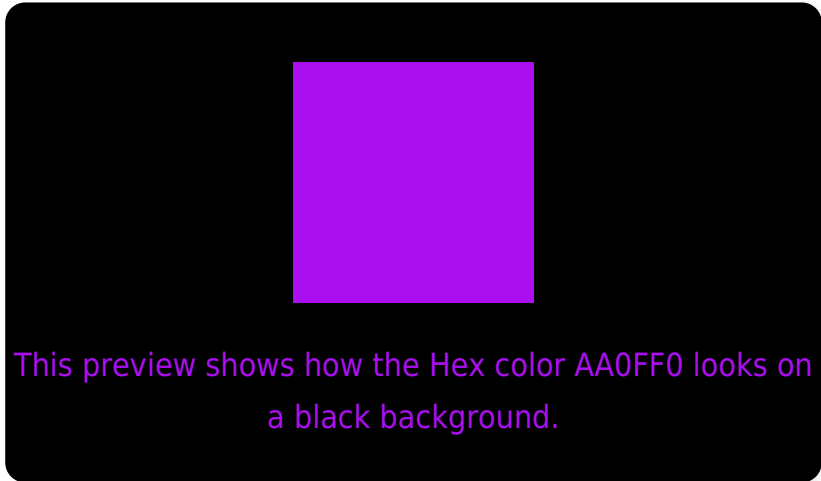
Large Text (above 18pt) WCAG AA ✓ Pass

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

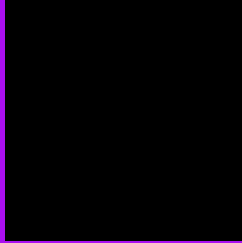
Any Text WCAG AA × Fail

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 AA0FF0 Background



This preview shows how black text looks on a background with the Hex color AA0FF0.




This preview shows how white text looks on a background with the Hex color AA0FF0.

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
935E66

Trichromacy



Original Color

AA0FF0



Protanomaly

3E49E5



Deuteranomaly

3E4DD2



Tritanomaly

9B4198

Monochromacy



Original Color

AA0FF0



Achromatopsia

575757



Achromatomaly

753D8F

CSS Examples

Text

The CSS property to change the color of the text to Hex AA0FF0 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 #AA0FF0 looks like.

```
.text, #text, p{  
    color:#AA0FF0  
}
```

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 #AA0FF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA0FF0
}
```

Border

The CSS property to change the border of an element to Hex AA0FF0 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
#AA0FF0 }
```

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

```
.border{ border-color:#AA0FF0 }
```

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

Here you see how a box with a 4 pixel #AA0FF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA0FF0; -webkit-box-shadow:4px 4px  
4px 4px #AA0FF0; box-shadow:4px 4px 4px  
4px #AA0FF0 }
```

Background

The CSS property to change the background color of an element to Hex AA0FF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA0FF0 }
```

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

```
.background{ background-color:#AA0FF0 }
```

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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