

Converting Colors

Hex(AF00C2)

Have a look what the booklet for
Hex(AF00C2) contains.

Hex(AF00C2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AF00C2)

Conversions

Conversions Part 1

Format	Color
Hex	AF00C2
RGB	175, 0, 194
RGB Percent	69%, 0%, 76%
CMY	0.3137, 1.0000, 0.2392
CMYK	0.10, 1.00, 0.00, 0.24
HSL	294°, 100%, 38%
HSV	294°, 100%, 76%
XYZ	27.4168, 13.0090, 52.1049
YIQ	74.4410, 42.0260, 97.4340

Conversions

Conversions Part 2

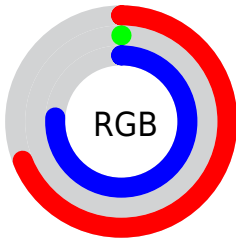
Format	Color
RYB	175, 0, 194
Decimal	11468994
CIELab	42.78, 77.02, -55.10
CIElCh	43, 94.697, 324.421
Yxy	13.0090, 0.2963, 0.1406
Android (android.graphics.Color)	4289659074 (0xFFAF00C2)
YUV	74.4410, 58.9426, 88.1902
Hunter-Lab	36.0680, 72.5664, -60.4045

Details

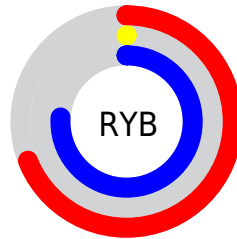
The Hex color **AF00C2** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as dark washed purple. A complement of this color would be **13C200**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **EB57FB**, and **75008B** is the 20% darker color. If you saturate the color by 10%, you get **AF00C2**, and if you desaturate by 10%, it is **B113C2**.

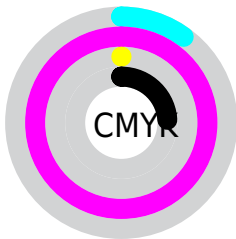
Distribution



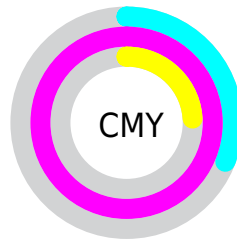
- Red (69%)
- Green (0%)
- Blue (76%)



- Red (69%)
- Yellow (0%)
- Blue (76%)



- Cyan (10%)
- Magenta (100%)
- Yellow (0%)
- Black (24%)



- Cyan (31%)
- Magenta (100%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF00C2 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 AF00C2 by changing the saturation by 10% instead.

 AF00C2

 AF00C2

FFFFFF

 9200A6

 EB57FB

 75008B

 FF74FF

 590071

 FF92FF

 3D0058

 FFAFFF

 1F003F

 FFCDFE

 000128

 FFEAFF

 000112

 000000

 AF00C2

 B113C2

 B327C2

 B53AC2

 B74EC2

 B961C2

 BA74C2

 BC88C2

 BE9BC2

 C0AFC2

Harmonies

Analogous

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



0058F7



AF00C2



E00077

Triad

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



AF00C2



885D00



0083A5

Complementary

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



AF00C2



13C200

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.



008154



AF00C2



3A7300

Square

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



AF00C2



BF2E00



007D00



0081E6

Rectangle

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



AF00C2



E50044



007D00



00828A

Sweetspot

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



AF00C2



F5B1FC



0013C2



7B5280



000000



808080

Same Dimension

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



AF00C2



E400FC



C20074



605761



9100A1



1E0021

Inverse Universe

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



C20013



FC0019



00C24E



615758



A10010



210003

Previews

White Background



This preview shows how the Hex color AF00C2 looks on a white background.

Color Contrast Check

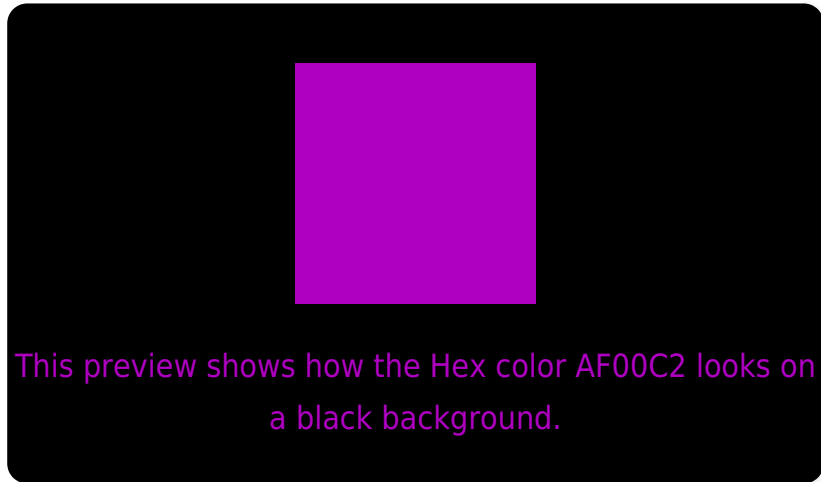
Large Text (above 18pt) WCAG AA ✓ Pass

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

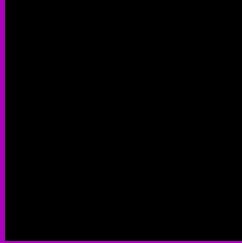
Any Text WCAG AA × Fail

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 AF00C2 Background



This preview shows how black text looks on a background with the Hex color AF00C2.



This preview shows how white text looks on a background with the Hex color AF00C2.

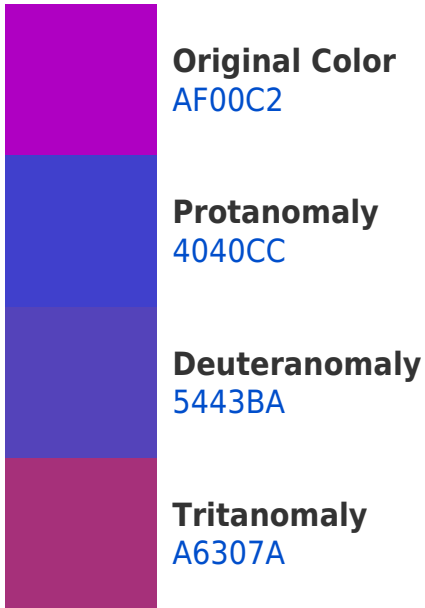
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF00C2 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 #AF00C2 looks like.

```
.text, #text, p{  
    color:#AF00C2  
}
```

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 #AF00C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF00C2
}
```

Border

The CSS property to change the border of an element to Hex AF00C2 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".

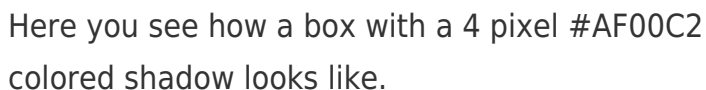
```
.border, #border, table{ border:4px solid
#AF00C2 }
```

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

```
.border{ border-color:#AF00C2 }
```

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

Here you see how a box with a 4 pixel #AF00C2 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF00C2; -webkit-box-shadow:4px 4px  
4px 4px #AF00C2; box-shadow:4px 4px 4px  
4px #AF00C2 }
```

Background

The CSS property to change the background color of an element to Hex AF00C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF00C2 }
```

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

```
.background{ background-color:#AF00C2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor