

Converting Colors

Hex(AC00BA)

Have a look what the booklet for
Hex(AC00BA) contains.

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Color

Hex(AC00BA)

Conversions

Conversions Part 1

Format	Color
Hex	AC00BA
RGB	172, 0, 186
RGB Percent	67%, 0%, 73%
CMY	0.3255, 1.0000, 0.2706
CMYK	0.08, 1.00, 0.00, 0.27
HSL	295°, 100%, 36%
HSV	295°, 100%, 73%
XYZ	25.8762, 12.3158, 47.4677
YIQ	72.6320, 42.8060, 94.3100

Conversions

Conversions Part 2

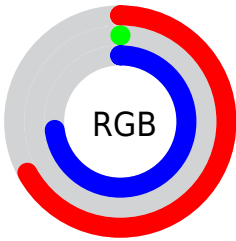
Format	Color
R_{YB}	172, 0, 186
Decimal	11272378
CIE _{Lab}	41.71, 75.29, -52.14
CIE _{LCh}	42, 91.586, 325.296
Yxy	12.3158, 0.3021, 0.1438
Android (android.graphics.Color)	4289462458 (0xFFAC00BA)
YUV	72.6320, 55.8904, 87.1457
Hunter-Lab	35.0939, 70.2010, -55.6294

Details

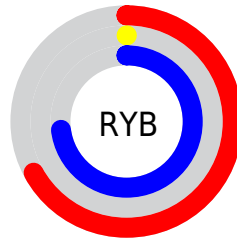
The Hex color **AC00BA** is a dark color, and the websafe version is hex **CC00CC**. A complement of this color would be **0EBA00**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **E755F3**, and **720084** is the 20% darker color. If you saturate the color by 10%, you get **AC00BA**, and if you desaturate by 10%, it is **AD13BA**.

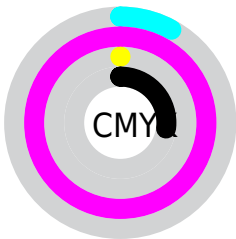
Distribution



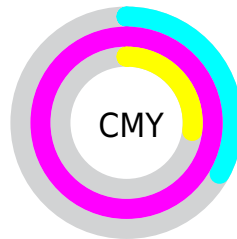
- Red (67%)
- Green (0%)
- Blue (73%)



- Red (67%)
- Yellow (0%)
- Blue (73%)



- Cyan (8%)
- Magenta (100%)
- Yellow (0%)
- Black (27%)



- Cyan (33%)
- Magenta (100%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC00BA 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 AC00BA by changing the saturation by 10% instead.

 AC00BA

 AC00BA

FFFFFF

 8F009F

 E755F3

 720084

 FF73FF

 56006A

 FF90FF

 3C0051

 FFADFF

 1D0039

 FFCBFF

 000222

 FFE9FF

 000008

 000000

 AC00BA

 AD13BA

 AF25BA

 B038BA

 B24ABA

 B35DBA

 B470BA

 B682BA

 B795BA

 B9A7BA

Harmonies

Analogous

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



0054EE



AC00BA



D90072

Triad

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



AC00BA



835C00



007FA2

Complementary

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



AC00BA



OEBA00

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.



007D54



AC00BA



377000

Square

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



AC00BA



B83100



007A00



007DE0

Rectangle

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



AC00BA



DD0041



007A00



007F89

Sweetspot

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



AC00BA



EDAAF2



000FBA



774E7A



FAFAFA



7A7A7A

Same Dimension

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



AC00BA



E000F2



BA006C



5B535C



90009C



1A001C

Inverse Universe

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



BA000E



F20012



00BA4E



5C5353



9C000C



1C0002

Previews

White Background



This preview shows how the Hex color AC00BA looks on a white background.

Color Contrast Check

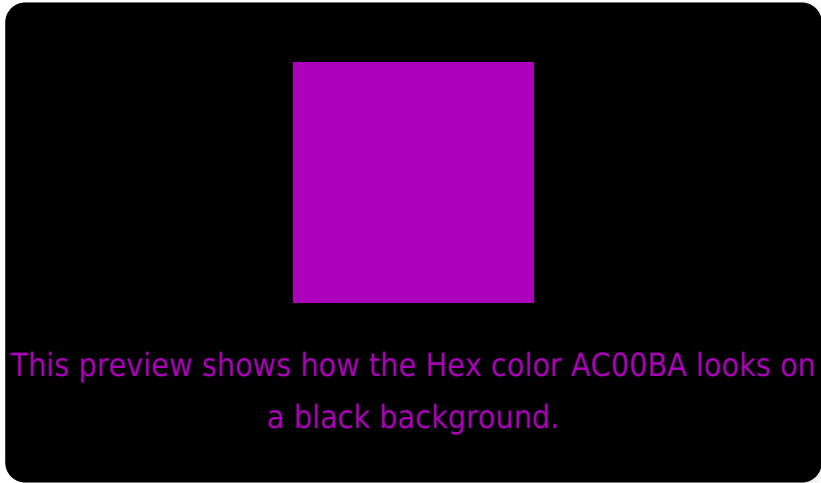
Large Text (above 18pt) WCAG AA ✓ Pass

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

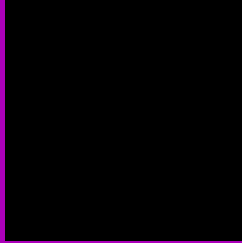
Any Text WCAG AA × Fail

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 AC00BA Background



This preview shows how black text looks on a background with the Hex color AC00BA.

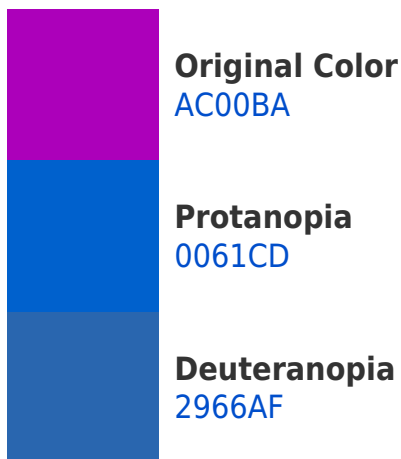



This preview shows how white text looks on a background with the Hex color AC00BA.

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
9F494E

Trichromacy



Original Color
AC00BA



Protanomaly
3F3EC6



Deuteranomaly
5941B3

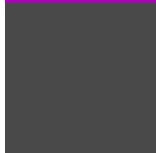


Tritanomaly
A42E75

Monochromacy



Original Color
AC00BA



Achromatopsia
494949



Achromatomaly
6D2E72

CSS Examples

Text

The CSS property to change the color of the text to Hex AC00BA 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 #AC00BA looks like.

```
.text, #text, p{  
    color:#AC00BA  
}
```

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 #AC00BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC00BA
}
```

Border

The CSS property to change the border of an element to Hex AC00BA 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
#AC00BA }
```

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

```
.border{ border-color:#AC00BA }
```

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

Here you see how a box with a 4 pixel #AC00BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC00BA; -webkit-box-shadow:4px 4px  
4px 4px #AC00BA; box-shadow:4px 4px 4px  
4px #AC00BA }
```

Background

The CSS property to change the background color of an element to Hex AC00BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC00BA }
```

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

```
.background{ background-color:#AC00BA }
```

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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