

Converting Colors

Hex(AC00BF)

Have a look what the booklet for
Hex(AC00BF) contains.

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Color

Hex(AC00BF)

Conversions

Conversions Part 1

Format	Color
Hex	AC00BF
RGB	172, 0, 191
RGB Percent	67%, 0%, 75%
CMY	0.3255, 1.0000, 0.2510
CMYK	0.10, 1.00, 0.00, 0.25
HSL	294°, 100%, 37%
HSV	294°, 100%, 75%
XYZ	26.4172, 12.5322, 50.3168
YIQ	73.2020, 41.2010, 95.8650

Conversions

Conversions Part 2

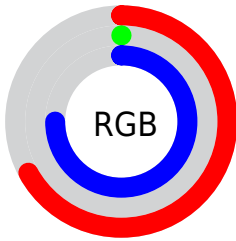
Format	Color
R_{YB}	172, 0, 191
Decimal	11272383
CIE _{Lab}	42.05, 76.09, -54.54
CIE _{LCh}	42, 93.615, 324.367
Yxy	12.5322, 0.2959, 0.1404
Android (android.graphics.Color)	4289462463 (0xFFAC00BF)
YUV	73.2020, 58.0744, 86.6458
Hunter-Lab	35.4009, 71.2505, -59.4908

Details

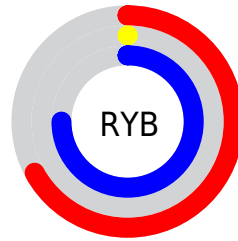
The Hex color **AC00BF** is a dark color, and the websafe version is hex **CC00CC**. A complement of this color would be **13BF00**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **E756F8**, and **720088** is the 20% darker color. If you saturate the color by 10%, you get **AC00BF**, and if you desaturate by 10%, it is **AE13BF**.

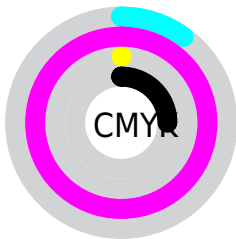
Distribution



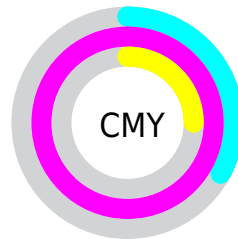
- Red (67%)
- Green (0%)
- Blue (75%)



- Red (67%)
- Yellow (0%)
- Blue (75%)



- Cyan (10%)
- Magenta (100%)
- Yellow (0%)
- Black (25%)



- Cyan (33%)
- Magenta (100%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC00BF 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 AC00BF by changing the saturation by 10% instead.

 AC00BF

 AC00BF

FFFFFF

 8F00A3

 E756F8

 720088

 FF74FF

 56006E

 FF91FF

 3B0055

 FFAEFF

 1C003D

 FFCBFF

 000226

 FFE9FF

 00010F

 000000

 AC00BF

 AE13BF

 B026BF

 B239BF

 B44CBF

 B660BF

 B773BF

 B986BF

 BB99BF

 BDACBF

Harmonies

Analogous

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



0056F4



AC00BF



DC0075

Triad

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



AC00BF



865C00



0080A2

Complementary

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



AC00BF



13BF00

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.



007F52



AC00BF



397100

Square

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



AC00BF



BC2D00



007B00



007FE2

Rectangle

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



AC00BF



E10043



007B00



008088

Sweetspot

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



AC00BF



F0ADF7



0013BF



78507D



FCFCFC



7D7D7D

Same Dimension

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



AC00BF



DF00F7



BF0073



5D555E



8E009E



1C001F

Inverse Universe

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



BF0013



F70019



00BF4C



5E5556



9E0010



1F0003

Previews

White Background



This preview shows how the Hex color AC00BF looks on a white background.

Color Contrast Check

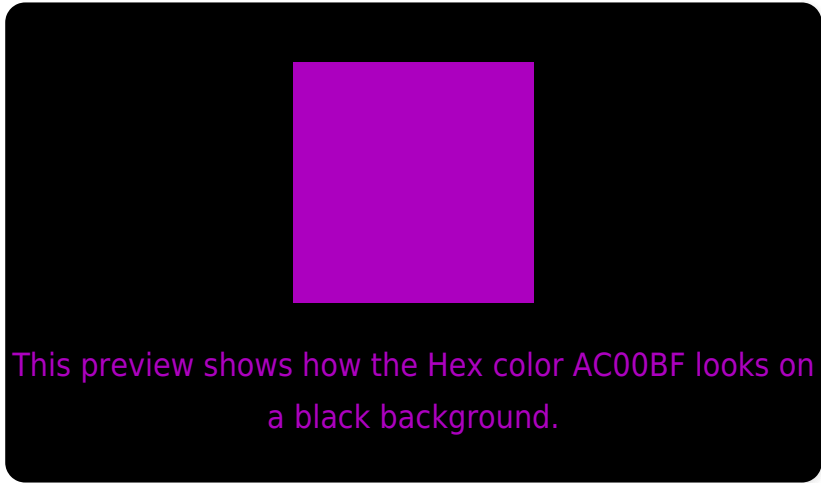
Large Text (above 18pt) WCAG AA ✓ Pass

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

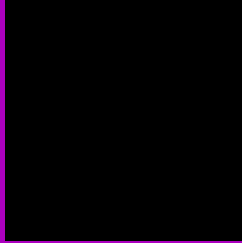
Any Text WCAG AA × Fail

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 AC00BF Background



This preview shows how black text looks on a background with the Hex color AC00BF.



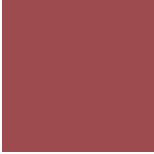
This preview shows how white text looks on a background with the Hex color AC00BF.

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
9E4B50

Trichromacy



Original Color
AC00BF



Protanomaly
3F3EC9



Deuteranomaly
5242B8



Tritanomaly
A33078

Monochromacy



Original Color
AC00BF



Achromatopsia
494949



Achromatomaly
6D2E74

CSS Examples

Text

The CSS property to change the color of the text to Hex AC00BF 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 #AC00BF looks like.

```
.text, #text, p{  
    color:#AC00BF  
}
```

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 #AC00BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC00BF
}
```

Border

The CSS property to change the border of an element to Hex AC00BF 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
#AC00BF }
```

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

```
.border{ border-color:#AC00BF }
```

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

Here you see how a box with a 4 pixel #AC00BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC00BF; -webkit-box-shadow:4px 4px  
4px 4px #AC00BF; box-shadow:4px 4px 4px  
4px #AC00BF }
```

Background

The CSS property to change the background color of an element to Hex AC00BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC00BF }
```

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

```
.background{ background-color:#AC00BF }
```

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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