

Converting Colors

Hex(BA00DD)

Have a look what the booklet for
Hex(BA00DD) contains.

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Color

Hex(BA00DD)

Conversions

Conversions Part 1

Format	Color
Hex	BA00DD
RGB	186, 0, 221
RGB Percent	73%, 0%, 87%
CMY	0.2706, 1.0000, 0.1333
CMYK	0.16, 1.00, 0.00, 0.13
HSL	290°, 100%, 43%
HSV	290°, 100%, 87%
XYZ	33.3008, 15.6596, 69.6741
YIQ	80.8080, 39.9150, 108.1630

Conversions

Conversions Part 2

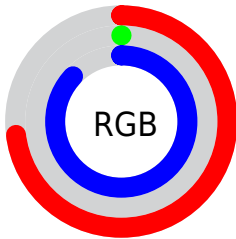
Format	Color
RYB	186, 0, 221
Decimal	12189917
CIELab	46.52, 82.98, -64.54
CIELCh	47, 105.130, 322.124
Yxy	15.6596, 0.2807, 0.1320
Android (android.graphics.Color)	4290379997 (0xFFBA00DD)
YUV	80.8080, 69.1147, 92.2534
Hunter-Lab	39.5722, 80.9604, -76.6904

Details

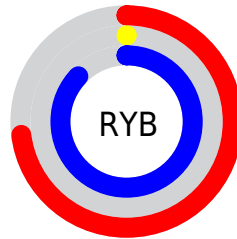
The Hex color **BA00DD** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **23DD00**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **F75AFF**, and **7F00A5** is the 20% darker color. If you saturate the color by 10%, you get **BA00DD**, and if you desaturate by 10%, it is **BD16DD**.

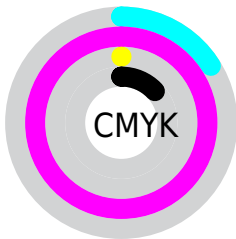
Distribution



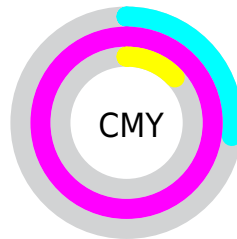
- Red (73%)
- Green (0%)
- Blue (87%)



- Red (73%)
- Yellow (0%)
- Blue (87%)



- Cyan (16%)
- Magenta (100%)
- Yellow (0%)
- Black (13%)



- Cyan (27%)
- Magenta (100%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color BA00DD 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 BA00DD by changing the saturation by 10% instead.

 BA00DD

 BA00DD

FFFFFF

 9C00C1

 F75AFF

 7F00A5

 FF79FF

 62008A

 FF97FF

 44006F

 FFB5FF

 270056

 FFD2FF

 00003D

 FFF1FF

 000326

 000110

 000000

 BA00DD

 BD16DD

 C12CDD

 C442DD

 C858DD

 CB6FDD

 CF85DD

 D39BDD

 D6B1DD

 DAC7DD

Harmonies

Analogous

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



0063FF



BA00DD



F6008A

Triad

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



BA00DD



9A6300



008FAF

Complementary

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



BA00DD



23DD00

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.



008D53



BA00DD



457D00

Square

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



BA00DD



D72600



008800



008EFC

Rectangle

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



BA00DD



FE0050



008800



008E91

Sweetspot

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



BA00DD



F3B3FF



0025DD



785280



000000



808080

Same Dimension

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



BA00DD



D700FF



DD0093



6C636E



9200AD



27002E

Inverse Universe

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



DD0023



FF0028



00DD4A



6E6364



AD001B



2E0007

Previews

White Background



This preview shows how the Hex color BA00DD looks on a white background.

Color Contrast Check

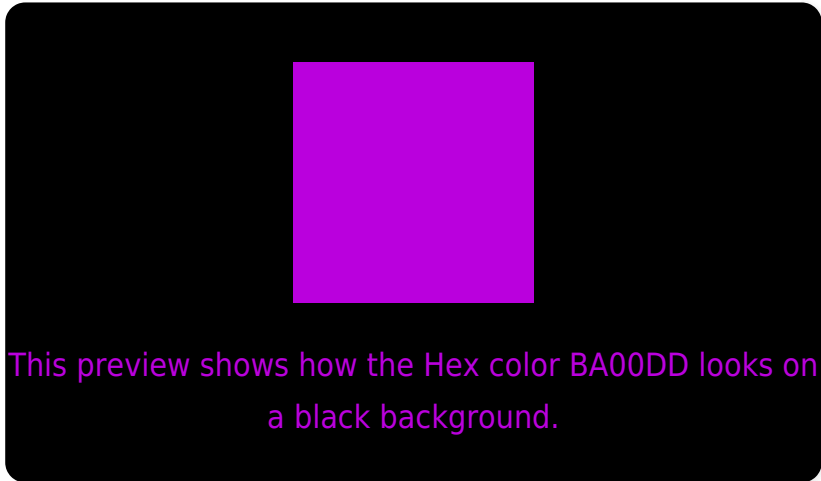
Large Text (above 18pt) WCAG AA ✓ Pass

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 BA00DD Background



This preview shows how black text looks on a background with the Hex color BA00DD.



This preview shows how white text looks on a background with the Hex color BA00DD.

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



Original Color
BA00DD

Protanopia
006CE4

Deuteranopia
0072C9



Tritanopia
A9575D

Trichromacy



Original Color
BA00DD



Protanomaly
4445E1



Deuteranomaly
4449D0



Tritanomaly
AF378C

Monochromacy



Original Color
BA00DD



Achromatopsia
515151



Achromatomaly
773484

CSS Examples

Text

The CSS property to change the color of the text to Hex BA00DD 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 #BA00DD looks like.

```
.text, #text, p{  
    color:#BA00DD  
}
```

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 #BA00DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA00DD }
}
```

Border

The CSS property to change the border of an element to Hex BA00DD 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 #BA00DD }
}
```

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

```
.border{ border-color:#BA00DD }
```

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

Here you see how a box with a 4 pixel #BA00DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA00DD; -webkit-box-shadow:4px 4px  
4px 4px #BA00DD; box-shadow:4px 4px 4px  
4px #BA00DD }
```

Background

The CSS property to change the background color of an element to Hex BA00DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA00DD }
```

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

```
.background{ background-color:#BA00DD }
```

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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