

# Converting Colors

Hex(BA00AC)

Have a look what the booklet for  
Hex(BA00AC) contains.

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**Color**

**Hex(BA00AC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BA00AC
RGB	186, 0, 172
RGB Percent	73%, 0%, 67%
CMY	0.2706, 1.0000, 0.3255
CMYK	0.00, 1.00, 0.08, 0.27
HSL	305°, 100%, 36%
HSV	305°, 100%, 73%
XYZ	27.6961, 13.4177, 40.1598
YIQ	75.2220, 55.6440, 92.9240

# Conversions

## Conversions Part 2

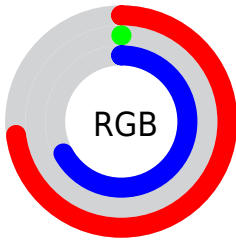
<b>Format</b>	<b>Color</b>
<b>RYB</b>	186, 0, 172
Decimal	12189868
CIELab	43.39, 75.51, -41.04
CIElCh	43, 85.943, 331.476
Yxy	13.4177, 0.3408, 0.1651
Android (android.graphics.Color)	4290379948 (0xFFBA00AC)
YUV	75.2220, 47.7116, 97.1523
Hunter-Lab	36.6301, 70.8614, -39.3622

# Details

The Hex color **BA00AC** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **00BA0E**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **F657E4**, and **800077** is the 20% darker color. If you saturate the color by 10%, you get **BA00AC**, and if you desaturate by 10%, it is **BA13AD**.

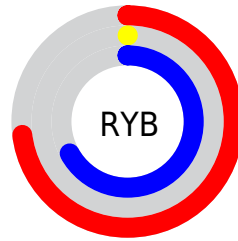
# Distribution



Red (73%)

Green (0%)

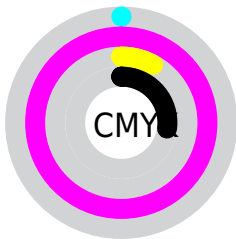
Blue (67%)



Red (73%)

Yellow (0%)

Blue (67%)

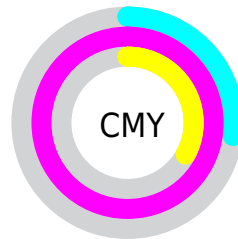


Cyan (0%)

Magenta (100%)

Yellow (8%)

Black (27%)



Cyan (27%)

Magenta (100%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BA00AC 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 BA00AC by changing the saturation by 10% instead.



 BA00AC

 BA00AC

FFFFFF

 9D0091

 F657E4

 800077

 FF75FF

 64005E

 FF93FF

 480045

 FFB0FF

 2D002E

 FFCEFF

 000018

 FFECFF

 000000

 BA00AC

 BA13AD

 BA25AF

 BA38B0

 BA4AB2

 BA5DB3

 BA70B4

 BA82B6

 BA95B7

 BAA7B9

# Harmonies

## Analogous

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



5851E2



BA00AC



DB0066

# Triad

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



BA00AC



7B6500



0082B0

# Complementary

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



BA00AC



00BA0E

# 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.



008268



BA00AC



2C7600

# Square

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



BA00AC



B14400



007E17



007EE5

# Rectangle

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



BA00AC



DA0038



007E17



008299



# Sweetspot

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



BA00AC



F2AAED



0C00BA



7A4E77



FAFAFA



7A7A7A



# Same Dimension

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



BA00AC



F200E0



BA0051



5C535B



9C0090



1C001A



# Inverse Universe

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



BA00AC



F200E0



00BA69



5C535B



9C0090



1C001A



# Previews

## White Background



This preview shows how the Hex color BA00AC looks on a white background.

## Color Contrast Check

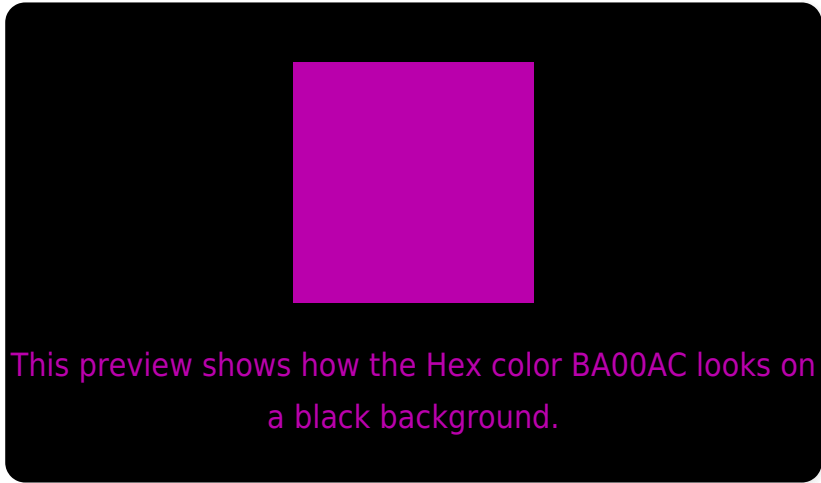
Large Text (above 18pt) WCAG AA ✓ Pass

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

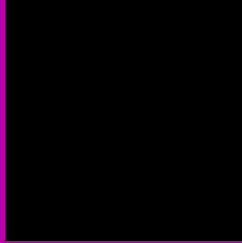
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BA00AC Background



This preview shows how black text looks on a background with the Hex color BA00AC.

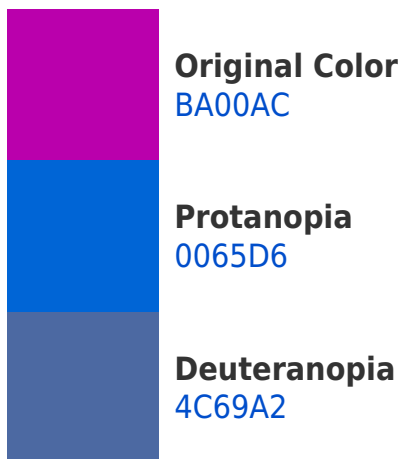


This preview shows how white text looks on a background with the Hex color BA00AC.

# 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**  
B04448

# Trichromacy



**Original Color**  
BA00AC



**Protanomaly**  
4440C7



**Deuteranomaly**  
7443A6



**Tritanomaly**  
B42B6C

# Monochromacy



**Original Color**  
BA00AC



**Achromatopsia**  
4B4B4B



**Achromatomaly**  
73306E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA00AC 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 #BA00AC looks like.

```
.text, #text, p{  
    color:#BA00AC  
}
```

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 #BA00AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA00AC
}
```

## Border

The CSS property to change the border of an element to Hex BA00AC 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
#BA00AC }
```

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

```
.border{ border-color:#BA00AC }
```

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

Here you see how a box with a 4 pixel #BA00AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA00AC; -webkit-box-shadow:4px 4px  
4px 4px #BA00AC; box-shadow:4px 4px 4px  
4px #BA00AC }
```

# Background

The CSS property to change the background color of an element to Hex BA00AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA00AC }
```

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

```
.background{ background-color:#BA00AC }
```

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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