

Converting Colors

Hex(BB00A8)

Have a look what the booklet for
Hex(BB00A8) contains.

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Color

Hex(BB00A8)

Conversions

Conversions Part 1

Format	Color
Hex	BB00A8
RGB	187, 0, 168
RGB Percent	73%, 0%, 66%
CMY	0.2667, 1.0000, 0.3412
CMYK	0.00, 1.00, 0.10, 0.27
HSL	306°, 100%, 37%
HSV	306°, 100%, 73%
XYZ	27.5614, 13.3919, 38.1780
YIQ	75.0650, 57.5240, 91.8920

Conversions

Conversions Part 2

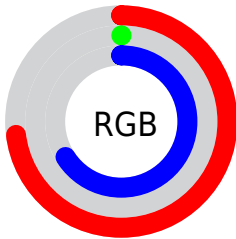
Format	Color
RYB	187, 0, 168
Decimal	12255400
CIELab	43.35, 75.14, -38.71
CIElCh	43, 84.520, 332.744
Yxy	13.3919, 0.3483, 0.1692
Android (android.graphics.Color)	4290445480 (0xFFBB00A8)
YUV	75.0650, 45.8170, 98.1670
Hunter-Lab	36.5950, 70.3954, -36.2383

Details

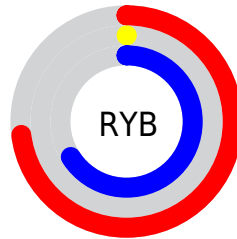
The Hex color **BB00A8** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **00BB13**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **F757E0**, and **810073** is the 20% darker color. If you saturate the color by 10%, you get **BB00A8**, and if you desaturate by 10%, it is **BB13AA**.

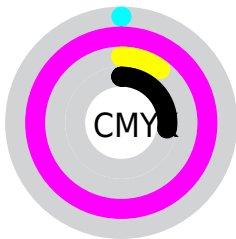
Distribution



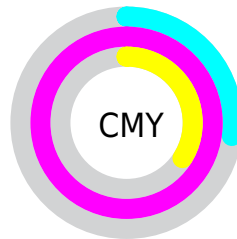
- Red (73%)
- Green (0%)
- Blue (66%)



- Red (73%)
- Yellow (0%)
- Blue (66%)



- Cyan (0%)
- Magenta (100%)
- Yellow (10%)
- Black (27%)



- Cyan (27%)
- Magenta (100%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB00A8 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 BB00A8 by changing the saturation by 10% instead.

 BB00A8

 BB00A8

FFFFFF

 9E008D

 F757E0

 810073

 FF75FD

 64005A

 FF93FF

 490042

 FFB0FF

 2D002B

 FFCEFF

 000015

 FFECFF

 000000

 BB00A8

 BB13AA

 BB25AC

 BB38AE

 BB4BB0

 BB5EB2

 BB70B3

 BB83B5

 BB96B7

 BBA8B9

Harmonies

Analogous

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



604FDF



BB00A8



DA0063

Triad

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



BB00A8



786600



0082B1

Complementary

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



BB00A8



00BB13

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.



00816B



BB00A8



287700

Square

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



BB00A8



AE4700



007E1D



007EE5

Rectangle

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



BB00A8



D80036



007E1D



00829B

Sweetspot

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



BB00A8



F2AAEB



1300BB



7A4E76



FAFAFA



7A7A7A

Same Dimension

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



BB00A8



F200DA



BB004B



5E555D



9E008E



1F001B

Inverse Universe

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



BB00A8



F200DA



00BB70



5E555D



9E008E



1F001B

Previews

White Background



This preview shows how the Hex color BB00A8 looks on a white background.

Color Contrast Check

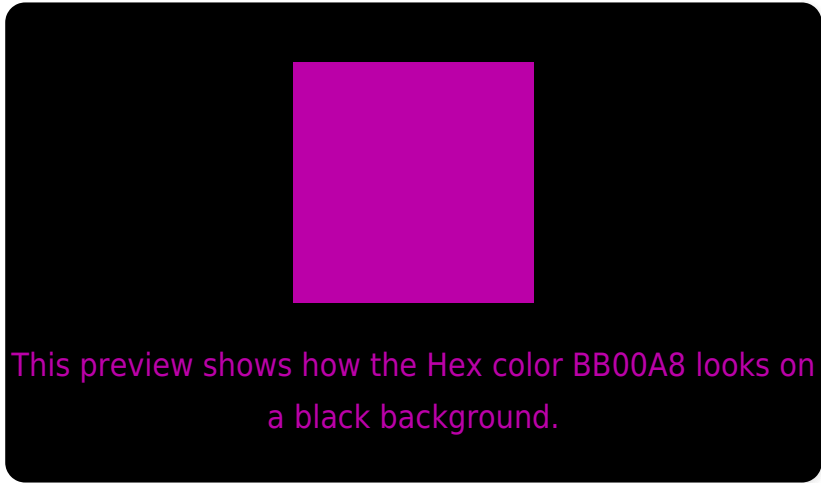
Large Text (above 18pt) WCAG AA ✓ Pass

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

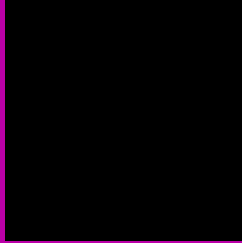
Any Text WCAG AA × Fail

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 BB00A8 Background



This preview shows how black text looks on a background with the Hex color BB00A8.




This preview shows how white text looks on a background with the Hex color BB00A8.

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
B24246

Trichromacy



Original Color
BB00A8



Protanomaly
4440C5



Deuteranomaly
7742A2



Tritanomaly
B52A6A

Monochromacy



Original Color
BB00A8



Achromatopsia
4B4B4B



Achromatomaly
74306D

CSS Examples

Text

The CSS property to change the color of the text to Hex BB00A8 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 #BB00A8 looks like.

```
.text, #text, p{  
    color:#BB00A8  
}
```

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 #BB00A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB00A8
}
```

Border

The CSS property to change the border of an element to Hex BB00A8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

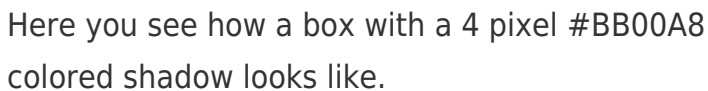
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BB00A8 }
```

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

```
.border{ border-color:#BB00A8 }
```

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



Here you see how a box with a 4 pixel #BB00A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB00A8; -webkit-box-shadow:4px 4px  
4px 4px #BB00A8; box-shadow:4px 4px 4px  
4px #BB00A8 }
```

Background

The CSS property to change the background color of an element to Hex BB00A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB00A8 }
```

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

```
.background{ background-color:#BB00A8 }
```

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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