

Converting Colors

Hex(BB11A9)

Have a look what the booklet for
Hex(BB11A9) contains.

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Color

Hex(BB11A9)

Conversions

Conversions Part 1

Format	Color
Hex	BB11A9
RGB	187, 17, 169
RGB Percent	73%, 7%, 66%
CMY	0.2667, 0.9333, 0.3373
CMYK	0.00, 0.91, 0.10, 0.27
HSL	306°, 83%, 40%
HSV	306°, 91%, 73%
XYZ	27.8554, 13.8303, 38.7375
YIQ	85.1580, 52.5280, 83.3120

Conversions

Conversions Part 2

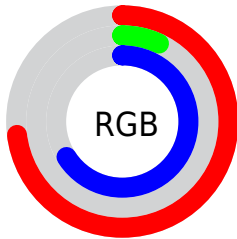
Format	Color
RYB	187, 17, 169
Decimal	12259753
CIELab	43.99, 73.55, -38.29
CIELCh	44, 82.917, 332.499
Yxy	13.8303, 0.3464, 0.1720
Android (android.graphics.Color)	4290449833 (0xFFBB11A9)
YUV	85.1580, 41.3341, 89.3154
Hunter-Lab	37.1891, 68.6194, -35.7263

Details

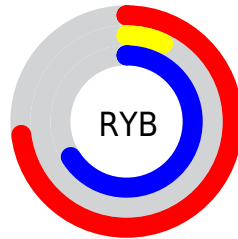
The Hex color **BB11A9** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **11BB23**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **F75CE1**, and **810074** is the 20% darker color. If you saturate the color by 10%, you get **BB00A7**, and if you desaturate by 10%, it is **BB24AB**.

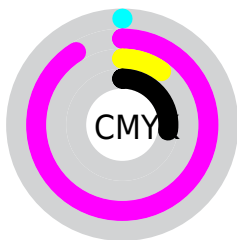
Distribution



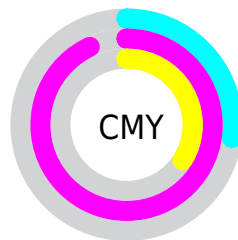
- Red (73%)
- Green (7%)
- Blue (66%)



- Red (73%)
- Yellow (7%)
- Blue (66%)



- Cyan (0%)
- Magenta (91%)
- Yellow (10%)
- Black (27%)



- Cyan (27%)
- Magenta (93%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB11A9 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 BB11A9 by changing the saturation by 10% instead.

 BB11A9

 BB11A9

FFFFFF

 9E008E

 F75CE1

 810074

 FF79FE

 65005B

 FF97FF

 490043

 FFB4FF

 2E002C

 FFD1FF

 000016

 FFEFFF

 000000

 BB11A9

 BB11A9

 BB00A7

 BB24AB

 BB36AD

 BB49AF

 BB5CB1

 BB6FB3

 BB81B5

 BB94B7

 BBA7B9

 BBB9BB

Harmonies

Analogous

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



6152DE



BB11A9



DA0066

Triad

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



BB11A9



7A6800



0083B1

Complementary

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



BB11A9



11BB23

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.



00836C



BB11A9



2E7800

Square

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



BB11A9



AF4900



008020



007FE4

Rectangle

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



BB11A9



D80039



008020



00849B

Sweetspot

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



BB11A9



F2B1EB



2211BB



7A5376



FAFAFA



7A7A7A

Same Dimension

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



BB11A9



F200D9



BB1155



5E555D



9E008D



1F001B

Inverse Universe

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



BB11A9



F200D9



11BB77



5E555D



9E008D



1F001B

Previews

White Background



This preview shows how the Hex color BB11A9 looks on a white background.

Color Contrast Check

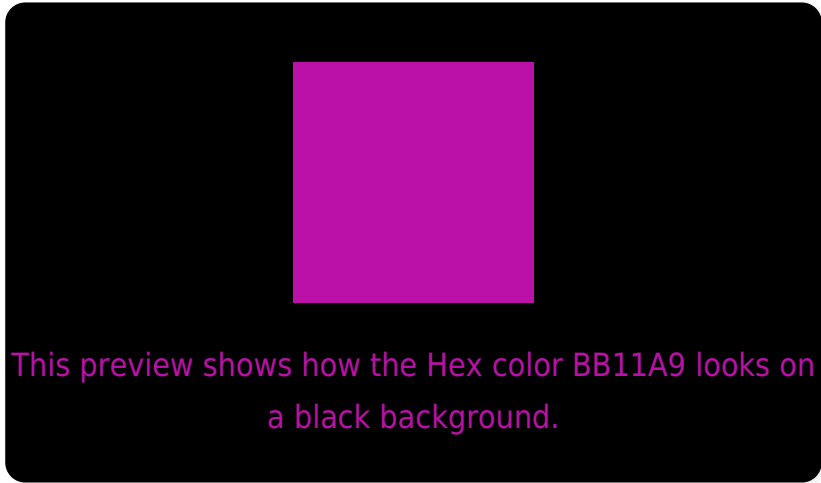
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB11A9 Background



This preview shows how black text looks on a background with the Hex color BB11A9.

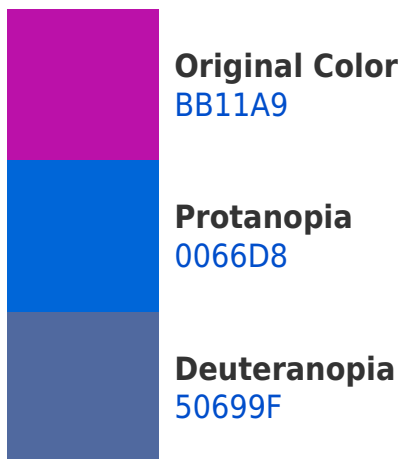



This preview shows how white text looks on a background with the Hex color BB11A9.

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
B24448

Trichromacy



Original Color
BB11A9



Protanomaly
4447C7



Deuteranomaly
7749A3



Tritanomaly
B5316B

Monochromacy



Original Color
BB11A9



Achromatopsia
555555



Achromatomaly
7A3C74

CSS Examples

Text

The CSS property to change the color of the text to Hex BB11A9 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 #BB11A9 looks like.

```
.text, #text, p{  
    color:#BB11A9  
}
```

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 #BB11A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB11A9
}
```

Border

The CSS property to change the border of an element to Hex BB11A9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

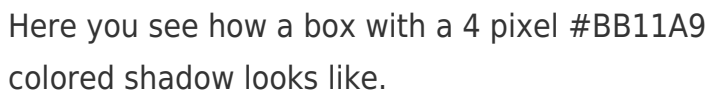
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BB11A9 }
```

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

```
.border{ border-color:#BB11A9 }
```

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



Here you see how a box with a 4 pixel #BB11A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB11A9; -webkit-box-shadow:4px 4px  
4px 4px #BB11A9; box-shadow:4px 4px 4px  
4px #BB11A9 }
```

Background

The CSS property to change the background color of an element to Hex BB11A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB11A9 }
```

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

```
.background{ background-color:#BB11A9 }
```

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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