

Converting Colors

Hex(B8009A)

Have a look what the booklet for
Hex(B8009A) contains.

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Color

Hex(B8009A)

Conversions

Conversions Part 1

Format	Color
Hex	B8009A
RGB	184, 0, 154
RGB Percent	72%, 0%, 60%
CMY	0.2784, 1.0000, 0.3961
CMYK	0.00, 1.00, 0.16, 0.28
HSL	310°, 100%, 36%
HSV	310°, 100%, 72%
XYZ	25.5999, 12.5234, 31.6398
YIQ	72.5720, 60.2300, 86.9020

Conversions

Conversions Part 2

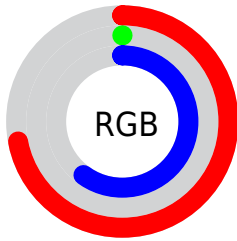
Format	Color
RYB	184, 0, 154
Decimal	12058778
CIELab	42.04, 72.75, -32.41
CIElCh	42, 79.638, 335.987
Yxy	12.5234, 0.3670, 0.1795
Android (android.graphics.Color)	4290248858 (0xFFB8009A)
YUV	72.5720, 40.1440, 97.7224
Hunter-Lab	35.3885, 67.1964, -28.2376

Details

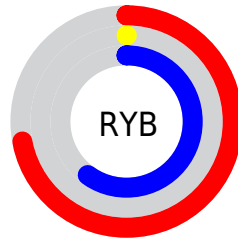
The Hex color **B8009A** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **00B81E**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **F456D1**, and **7E0066** is the 20% darker color. If you saturate the color by 10%, you get **B8009A**, and if you desaturate by 10%, it is **B8129D**.

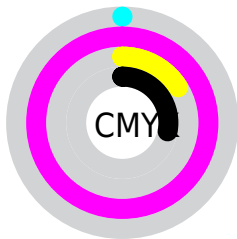
Distribution



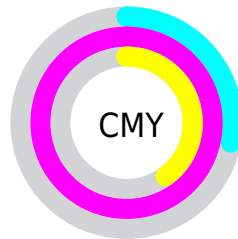
- Red (72%)
- Green (0%)
- Blue (60%)



- Red (72%)
- Yellow (0%)
- Blue (60%)



- Cyan (0%)
- Magenta (100%)
- Yellow (16%)
- Black (28%)



- Cyan (28%)
- Magenta (100%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color B8009A 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 B8009A by changing the saturation by 10% instead.

 B8009A

 B8009A

FFFFFF

 9B0080

 F456D1

 7E0066

 FF74ED

 62004E

 FF91FF

 470037

 FFAEFF

 2B0020

 FFCCFF

 000003

 FFE9FF

 000000

 B8009A

 B8129D

 B825A0

 B837A3

 B84AA6

 B85CA9

 B86EAC

 B881AF

 B893B2

 B8A6B5

Harmonies

Analogous

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



6C49CF



B8009A



D10059

Triad

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



B8009A



6E6500



007DB0

Complementary

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



B8009A



00B81E

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.



007D6F



B8009A



1C7400

Square

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



B8009A



A24A00



007A28



0078DD

Rectangle

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



B8009A



CD002F



007A28



007D9C

Sweetspot

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



B8009A



F0A8E4



1C00B8



784D71



F7F7F7



787878

Same Dimension

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



B8009A



F000C9



B80040



5C535A



9C0082



1C0017

Inverse Universe

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



B8009A



F000C9



00B878



5C535A



9C0082



1C0017

Previews

White Background



This preview shows how the Hex color B8009A looks on a white background.

Color Contrast Check

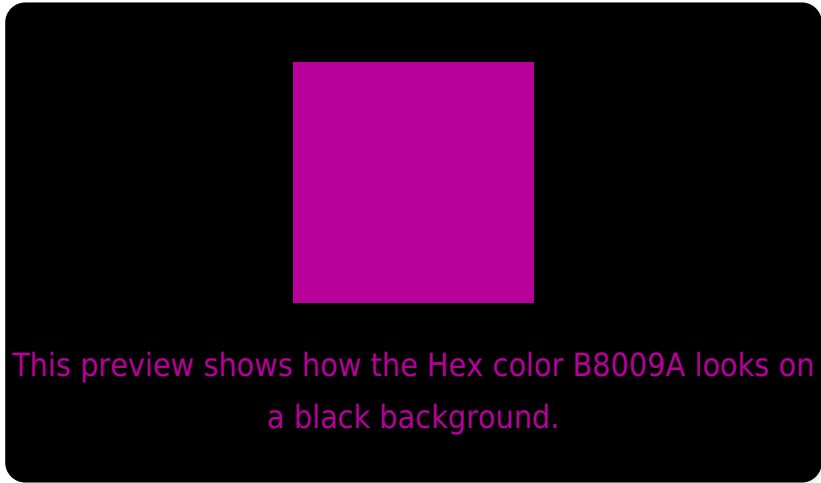
Large Text (above 18pt) WCAG AA ✓ Pass

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

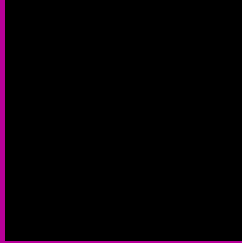
Any Text WCAG AA × Fail

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 B8009A Background



This preview shows how black text looks on a background with the Hex color B8009A.



This preview shows how white text looks on a background with the Hex color B8009A.

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
B03D40

Trichromacy



Original Color
B8009A



Protanomaly
433EBC



Deuteranomaly
7A4094



Tritanomaly
B32761

Monochromacy



Original Color
B8009A



Achromatopsia
494949



Achromatomaly
712E66

CSS Examples

Text

The CSS property to change the color of the text to Hex B8009A 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 #B8009A looks like.

```
.text, #text, p{  
    color:#B8009A  
}
```

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 #B8009A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8009A
}
```

Border

The CSS property to change the border of an element to Hex B8009A 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".

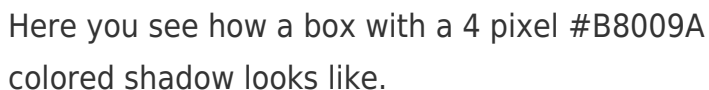
```
.border, #border, table{ border:4px solid
#B8009A }
```

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

```
.border{ border-color:#B8009A }
```

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

Here you see how a box with a 4 pixel #B8009A colored shadow looks like.

A rectangular box with a thick magenta border and a magenta shadow. The box is white with a magenta border and a magenta shadow. The shadow is a 4px magenta shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8009A; -webkit-box-shadow:4px 4px  
4px 4px #B8009A; box-shadow:4px 4px 4px  
4px #B8009A }
```

Background

The CSS property to change the background color of an element to Hex B8009A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8009A }
```

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

```
.background{ background-color:#B8009A }
```

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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