

Converting Colors

Hex(B0009B)

Have a look what the booklet for
Hex(B0009B) contains.

Hex(B0009B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B0009B)

Conversions

Conversions Part 1

Format	Color
Hex	B0009B
RGB	176, 0, 155
RGB Percent	69%, 0%, 61%
CMY	0.3098, 1.0000, 0.3922
CMYK	0.00, 1.00, 0.12, 0.31
HSL	307°, 100%, 35%
HSV	307°, 100%, 69%
XYZ	23.8209, 11.5967, 31.9932
YIQ	70.2940, 55.1410, 85.5170

Conversions

Conversions Part 2

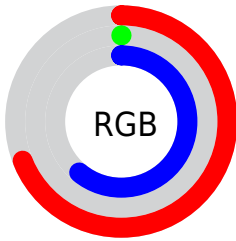
Format	Color
R_{YB}	176, 0, 155
Decimal	11534491
CIE _{Lab}	40.57, 71.41, -35.43
CIE _{LCh}	41, 79.721, 333.612
Yxy	11.5967, 0.3534, 0.1720
Android (android.graphics.Color)	4289724571 (0xFFB0009B)
YUV	70.2940, 41.7601, 92.7042
Hunter-Lab	34.0539, 65.2675, -31.8646

Details

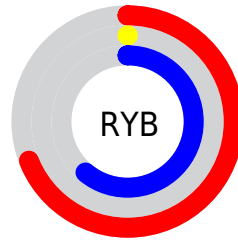
The Hex color **B0009B** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **00B015**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **EB54D2**, and **770067** is the 20% darker color. If you saturate the color by 10%, you get **B0009B**, and if you desaturate by 10%, it is **B0129D**.

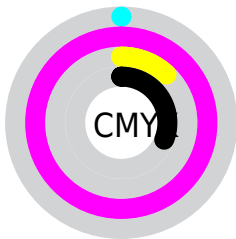
Distribution



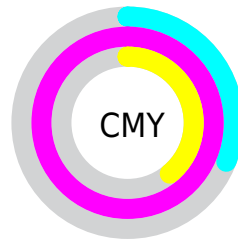
- Red (69%)
- Green (0%)
- Blue (61%)



- Red (69%)
- Yellow (0%)
- Blue (61%)



- Cyan (0%)
- Magenta (100%)
- Yellow (12%)
- Black (31%)



- Cyan (31%)
- Magenta (100%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0009B 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 B0009B by changing the saturation by 10% instead.

 B0009B

 B0009B

FFFFFF

 930081

 EB54D2

 770067

 FF72EE

 5B004F

 FF8FFF

 410037

 FFACFF

 240021

 FFC9FF

 000005

 FFE7FF

 000000

 B0009B

 B0129D

 B0239F

 B035A1

 B046A3

 B058A6

 B06AA8

 B07BAA

 B08DAC

 B09EAE

Harmonies

Analogous

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



5E49CE



B0009B



CC005B

Triad

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



B0009B



6E6000



0079A7

Complementary

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



B0009B



00B015

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.



007966



B0009B



236F00

Square

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



B0009B



A14400



00761E



0075D6

Rectangle

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



B0009B



C90031



00761E



007A93

Sweetspot

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



B0009B



E6A1DD



1500B0



73496E



F2F2F2



737373

Same Dimension

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



B0009B



E600CA



B00043



595058



990087



1A0016

Inverse Universe

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



B0009B



E600CA



00B06D



595058



990087



1A0016

Previews

White Background



This preview shows how the Hex color B0009B looks on a white background.

Color Contrast Check

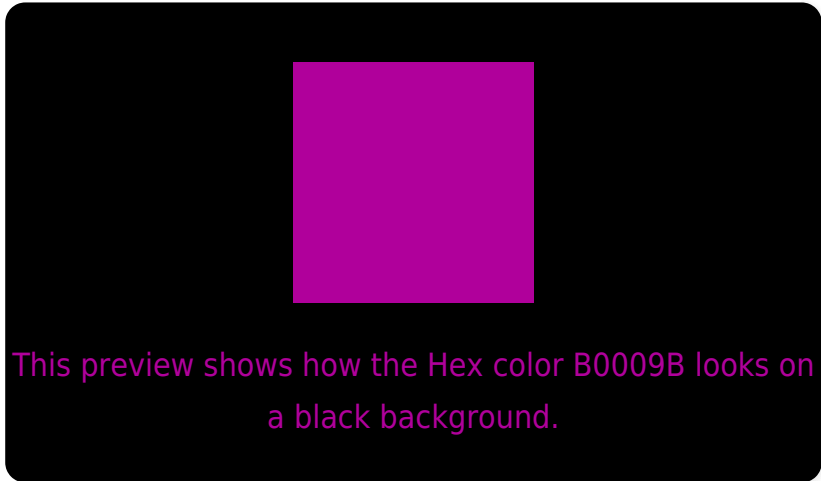
Large Text (above 18pt) WCAG AA ✓ Pass

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

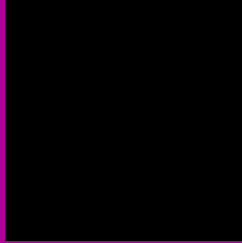
Any Text WCAG AA × Fail

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 B0009B Background



This preview shows how black text looks on a background with the Hex color B0009B.



This preview shows how white text looks on a background with the Hex color B0009B.

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
A83D41

Trichromacy



Original Color
B0009B



Protanomaly
403CB8



Deuteranomaly
713E95



Tritanomaly
AB2762

Monochromacy



Original Color
B0009B



Achromatopsia
464646



Achromatomaly
6D2D65

CSS Examples

Text

The CSS property to change the color of the text to Hex B0009B 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 #B0009B looks like.

```
.text, #text, p{  
    color:#B0009B  
}
```

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 #B0009B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0009B
}
```

Border

The CSS property to change the border of an element to Hex B0009B 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
#B0009B }
```

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

```
.border{ border-color:#B0009B }
```

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

Here you see how a box with a 4 pixel #B0009B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0009B; -webkit-box-shadow:4px 4px  
4px 4px #B0009B; box-shadow:4px 4px 4px  
4px #B0009B }
```

Background

The CSS property to change the background color of an element to Hex B0009B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0009B }
```

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

```
.background{ background-color:#B0009B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor