

Converting Colors

Hex(B3009E)

Have a look what the booklet for
Hex(B3009E) contains.

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Color

Hex(B3009E)

Conversions

Conversions Part 1

Format	Color
Hex	B3009E
RGB	179, 0, 158
RGB Percent	70%, 0%, 62%
CMY	0.2980, 1.0000, 0.3804
CMYK	0.00, 1.00, 0.12, 0.30
HSL	307°, 100%, 35%
HSV	307°, 100%, 70%
XYZ	24.7620, 12.0523, 33.3690
YIQ	71.5330, 55.9660, 87.0860

Conversions

Conversions Part 2

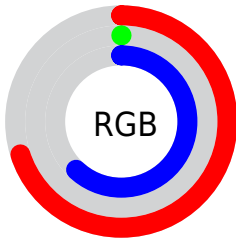
Format	Color
R_{YB}	179, 0, 158
Decimal	11731102
CIE _{Lab}	41.30, 72.36, -36.05
CIE _{LCh}	41, 80.843, 333.517
Yxy	12.0523, 0.3528, 0.1717
Android (android.graphics.Color)	4289921182 (0xFFB3009E)
YUV	71.5330, 42.6282, 94.2486
Hunter-Lab	34.7165, 66.5636, -32.6872

Details

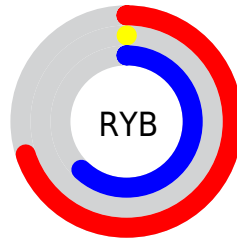
The Hex color **B3009E** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **00B315**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **EF55D5**, and **79006A** is the 20% darker color. If you saturate the color by 10%, you get **B3009E**, and if you desaturate by 10%, it is **B312A0**.

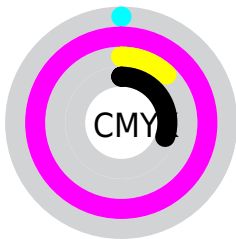
Distribution



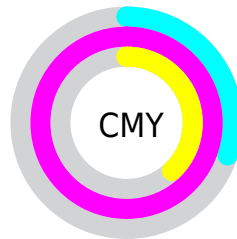
- Red (70%)
- Green (0%)
- Blue (62%)



- Red (70%)
- Yellow (0%)
- Blue (62%)



- Cyan (0%)
- Magenta (100%)
- Yellow (12%)
- Black (30%)



- Cyan (30%)
- Magenta (100%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3009E 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 B3009E by changing the saturation by 10% instead.

 B3009E

 B3009E

FFFFFF

 960084

 EF55D5

 79006A

 FF73F2

 5D0051

 FF90FF

 43003A

 FFADFF

 260023

 FFCAFF

 000009

 FFE8FF

 000000

 B3009E

 B312A0

 B324A2

 B336A4

 B348A6

 B35AA9

 B36BAB

 B37DAD

 B38FAF

 B3A1B1

Harmonies

Analogous

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



5F4AD2



B3009E



CF005D

Triad

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



B3009E



716200



007CAA

Complementary

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



B3009E



00B315

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.



007B68



B3009E



247100

Square

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



B3009E



A44500



00781E



0077DA

Rectangle

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



B3009E



CD0032



00781E



007C95

Sweetspot

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



B3009E



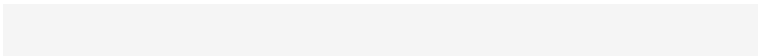
E8A2E0



1500B3



754B70



F5F5F5



757575

Same Dimension

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



B3009E



E800CD



B30045



595058



990087



1A0017

Inverse Universe

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



B3009E



E800CD



00B36E



595058



990087



1A0017

Previews

White Background



This preview shows how the Hex color B3009E looks on a white background.

Color Contrast Check

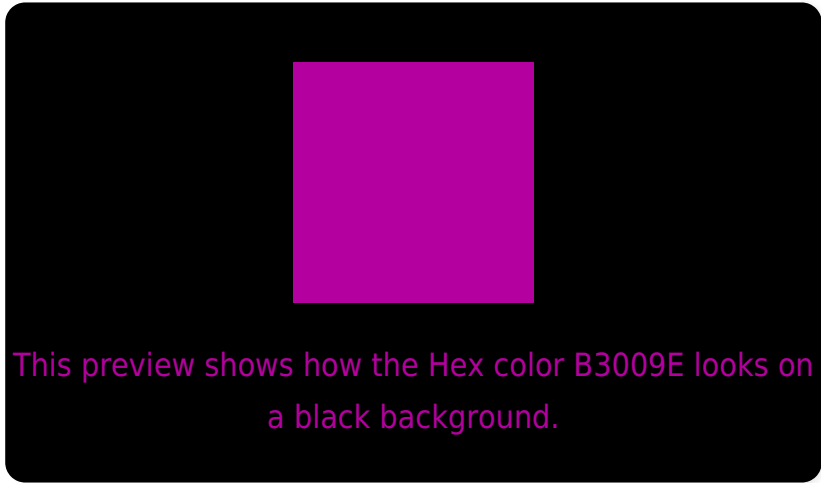
Large Text (above 18pt) WCAG AA ✓ Pass

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

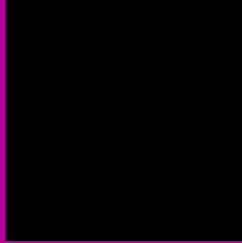
Any Text WCAG AA × Fail

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 B3009E Background



This preview shows how black text looks on a background with the Hex color B3009E.



This preview shows how white text looks on a background with the Hex color B3009E.

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
AA3E42

Trichromacy



Original Color
B3009E



Protanomaly
413DBB



Deuteranomaly
733F98



Tritanomaly
AD2763

Monochromacy



Original Color
B3009E



Achromatopsia
484848



Achromatomaly
6F2E67

CSS Examples

Text

The CSS property to change the color of the text to Hex B3009E 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 #B3009E looks like.

```
.text, #text, p{  
    color:#B3009E  
}
```

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 #B3009E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3009E
}
```

Border

The CSS property to change the border of an element to Hex B3009E 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
#B3009E }
```

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

```
.border{ border-color:#B3009E }
```

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

Here you see how a box with a 4 pixel #B3009E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3009E; -webkit-box-shadow:4px 4px  
4px 4px #B3009E; box-shadow:4px 4px 4px  
4px #B3009E }
```

Background

The CSS property to change the background color of an element to Hex B3009E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3009E }
```

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

```
.background{ background-color:#B3009E }
```

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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