

Converting Colors

Hex(03009B)

Have a look what the booklet for
Hex(03009B) contains.

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Color

Hex(03009B)

Conversions

Conversions Part 1

Format	Color
Hex	03009B
RGB	3, 0, 155
RGB Percent	1%, 0%, 61%
CMY	0.9882, 1.0000, 0.3922
CMYK	0.98, 1.00, 0.00, 0.39
HSL	241°, 100%, 30%
HSV	241°, 100%, 61%
XYZ	5.9539, 2.3859, 31.1571
YIQ	18.5670, -47.9670, 48.8410

Conversions

Conversions Part 2

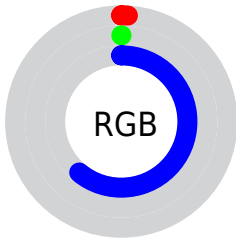
Format	Color
R_{YB}	3, 0, 155
Decimal	196763
CIE _{Lab}	17.39, 54.63, -74.22
CIE _{LCh}	17, 92.157, 306.358
Yxy	2.3859, 0.1507, 0.0604
Android (android.graphics.Color)	4278386843 (0xFF03009B)
YUV	18.5670, 67.2615, -13.6523
Hunter-Lab	15.4464, 41.7731, -108.7818

Details

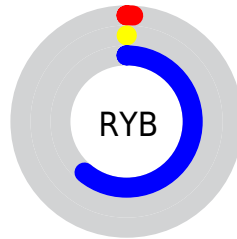
The Hex color **03009B** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **989B00**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **5C37D3**, and **000066** is the 20% darker color. If you saturate the color by 10%, you get **03009B**, and if you desaturate by 10%, it is **120F9B**.

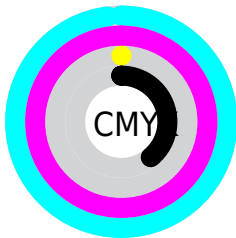
Distribution



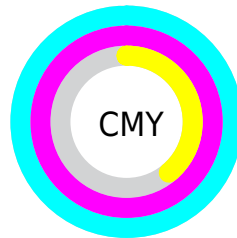
- Red (1%)
- Green (0%)
- Blue (61%)



- Red (1%)
- Yellow (0%)
- Blue (61%)



- Cyan (98%)
- Magenta (100%)
- Yellow (0%)
- Black (39%)



- Cyan (99%)
- Magenta (100%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 03009B 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 03009B by changing the saturation by 10% instead.

 03009B

 03009B

 FFF4FF

 000080

 5C37D3

 000066

 7B51F0

 00094D

 996AFF

 000535

 B784FF

 00021F

 D69FFF

 000002

 F4BBFF

 000000

 FFD7FF

 03009B

■ 120F9B

■ 211F9B

■ 312F9B

■ 403E9B

■ 4F4E9B

■ 5E5D9B

■ 6D6C9B

■ 7D7C9B

■ 8C8B9B

Harmonies

Analogous

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



0036B7



03009B



7B0062

Triad

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



03009B



5D0400



003D38

Complementary

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



03009B



989B00

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.



003C00



03009B



292E00

Square

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



03009B



810000



003800



00417B

Rectangle

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



03009B



8E0036



003800



003C21

Sweetspot

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



03009B



8E8DC9



00989B



424166



E6E6E6



666666

Same Dimension

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



03009B



0400C9



50009B



45454D



03008C



00000D

Inverse Universe

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



9B0098



C900C6



4B9B00



4D454C



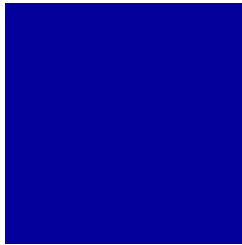
8C008A



0D000D

Previews

White Background



This preview shows how the Hex color 03009B looks on a white background.

Color Contrast Check

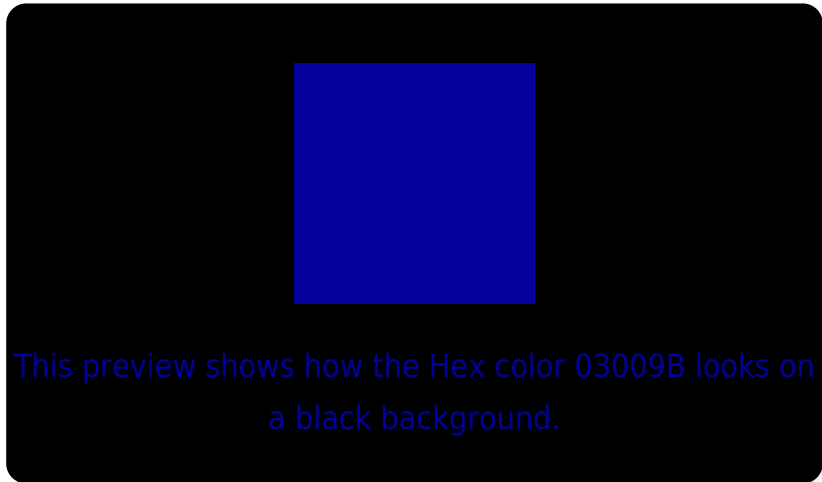
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

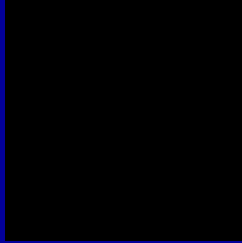
Any Text WCAG AA × Fail

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 03009B Background



This preview shows how black text looks on a background with the Hex color 03009B.



This preview shows how white text looks on a background with the Hex color 03009B.

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



Original Color
03009B

Protanopia
002D5F

Deuteranopia
003050

Trichromacy



Original Color
03009B

Protanomaly
011D75

Deuteranomaly
011F6B

Tritanomaly
01215B

Monochromacy



Original Color
03009B

Achromatopsia
131313

Achromatomaly
0D0C44

CSS Examples

Text

The CSS property to change the color of the text to Hex 03009B 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 #03009B looks like.

```
.text, #text, p{  
    color:#03009B  
}
```

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 #03009B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03009B
}
```

Border

The CSS property to change the border of an element to Hex 03009B 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
#03009B }
```

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

```
.border{ border-color:#03009B }
```

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

Here you see how a box with a 4 pixel #03009B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03009B; -webkit-box-shadow:4px 4px  
4px 4px #03009B; box-shadow:4px 4px 4px  
4px #03009B }
```

Background

The CSS property to change the background color of an element to Hex 03009B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03009B }
```

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

```
.background{ background-color:#03009B }
```

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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