

Converting Colors

Hex(0B309B)

Have a look what the booklet for
Hex(0B309B) contains.

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Color

Hex(0B309B)

Conversions

Conversions Part 1

Format	Color
Hex	0B309B
RGB	11, 48, 155
RGB Percent	4%, 19%, 61%
CMY	0.9569, 0.8118, 0.3922
CMYK	0.93, 0.69, 0.00, 0.39
HSL	225°, 87%, 33%
HSV	225°, 93%, 61%
XYZ	7.1114, 4.5516, 31.5141
YIQ	49.1350, -56.3990, 25.4330

Conversions

Conversions Part 2

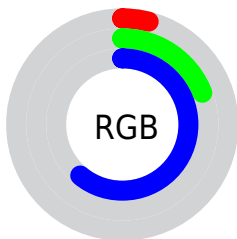
Format	Color
R_{YB}	11, 40, 155
Decimal	733339
CIE _{Lab}	25.42, 32.17, -60.89
CIE _{LCh}	25, 68.861, 297.848
Yxy	4.5516, 0.1647, 0.1054
Android (android.graphics.Color)	4278923419 (0xFF0B309B)
YUV	49.1350, 52.1914, -33.4444
Hunter-Lab	21.3345, 22.1634, -72.6456

Details

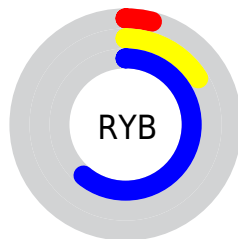
The Hex color **0B309B** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **9B760B**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **5A5ED3**, and **000866** is the 20% darker color. If you saturate the color by 10%, you get **00289B**, and if you desaturate by 10%, it is **1A3C9B**.

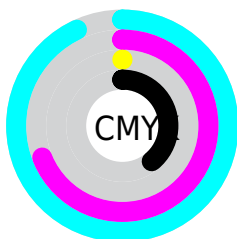
Distribution



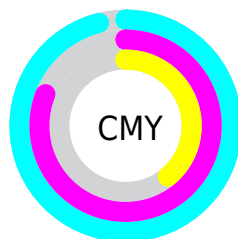
- Red (4%)
- Green (19%)
- Blue (61%)



- Red (4%)
- Yellow (16%)
- Blue (61%)



- Cyan (93%)
- Magenta (69%)
- Yellow (0%)
- Black (39%)



- Cyan (96%)
- Magenta (81%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B309B 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 0B309B by changing the saturation by 10% instead.

■ 0B309B

■ 0B309B

FFFFFF

■ 001B80

■ 5A5ED3

■ 000866

■ 7877EF

■ 00004E

■ 9590FF

■ 000536

■ B2ABFF

■ 000220

■ D0C6FF

■ 000003

■ EEE2FF

■ 000000

■ 0B309B

■ 0B309B

■ 00289B

■ 1A3C9B

■ 2A479B

■ 39539B

■ 495E9B

■ 586A9B

■ 68759B

■ 78819B

■ 878C9B

■ 96989B

Harmonies

Analogous

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



0046A8



0B309B



730075

Triad

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



0B309B



741D00



004F37

Complementary

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



0B309B



9B760B

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.



004C00



0B309B



4E3A00

Square

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



0B309B



8C0010



154700



00506C

Rectangle

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



0B309B



8A0054



154700



004E24

Sweetspot

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



0B309B



91A0C9



0B9B75



434C66



E6E6E6



666666

Same Dimension

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



0B309B



0034C9



2D0B9B



45474D



00248C



00030D

Inverse Universe

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



9B0B30



C90034



799B0B



4D4547



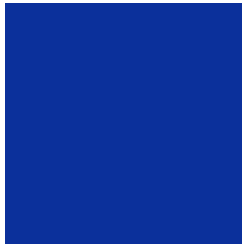
8C0024



0D0003

Previews

White Background



This preview shows how the Hex color 0B309B looks on a white background.

Color Contrast Check

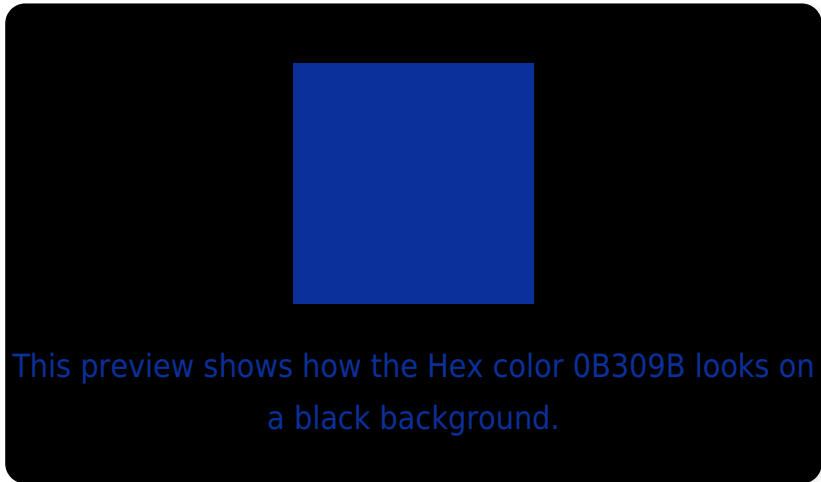
Large Text (above 18pt) WCAG AA ✓ Pass

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

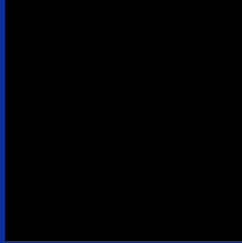
Any Text WCAG AA × Fail

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 0B309B Background



This preview shows how black text looks on a background with the Hex color 0B309B.



This preview shows how white text looks on a background with the Hex color 0B309B.

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
0B309B

Protanopia
003A7B

Deuteranopia
003E69

Trichromacy



Original Color
0B309B

Protanomaly
043687

Deuteranomaly
04397B

Tritanomaly
043C66

Monochromacy



Original Color
0B309B

Achromatopsia
313131

Achromatomaly
233158

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B309B 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 #0B309B looks like.

```
.text, #text, p{  
    color:#0B309B  
}
```

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 #0B309B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B309B
}
```

Border

The CSS property to change the border of an element to Hex 0B309B is called "border". The border property can be set on classes, ids or directly on the HTML element.

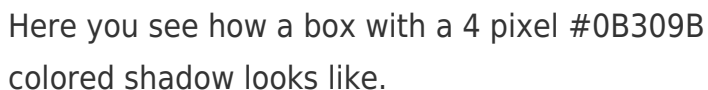
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0B309B }
```

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

```
.border{ border-color:#0B309B }
```

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



Here you see how a box with a 4 pixel #0B309B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B309B; -webkit-box-shadow:4px 4px  
4px 4px #0B309B; box-shadow:4px 4px 4px  
4px #0B309B }
```

Background

The CSS property to change the background color of an element to Hex 0B309B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B309B }
```

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

```
.background{ background-color:#0B309B }
```

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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