

Converting Colors

Hex(00309F)

Have a look what the booklet for
Hex(00309F) contains.

Hex(00309F)	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>	28

Color

Hex(00309F)

Conversions

Conversions Part 1

Format	Color
Hex	00309F
RGB	0, 48, 159
RGB Percent	0%, 19%, 62%
CMY	1.0000, 0.8118, 0.3765
CMYK	1.00, 0.70, 0.00, 0.38
HSL	222°, 100%, 31%
HSV	222°, 100%, 62%
XYZ	7.3150, 4.6171, 33.3065
YIQ	46.3020, -64.2390, 24.3450

Conversions

Conversions Part 2

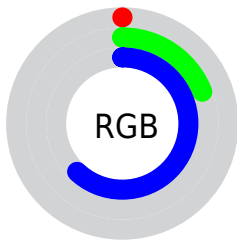
Format	Color
RYB	0, 37, 159
Decimal	12447
CIELab	25.61, 33.31, -63.01
CIELCh	26, 71.269, 297.861
Yxy	4.6171, 0.1617, 0.1021
Android (android.graphics.Color)	4278202527 (0xFF00309F)
YUV	46.3020, 55.5601, -40.6069
Hunter-Lab	21.4875, 23.1636, -76.8610

Details

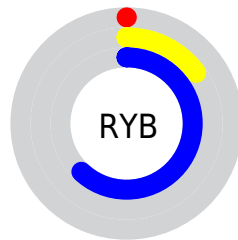
The Hex color **00309F** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **9F6F00**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **585ED7**, and **00086A** is the 20% darker color. If you saturate the color by 10%, you get **00309F**, and if you desaturate by 10%, it is **103B9F**.

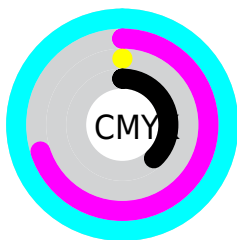
Distribution



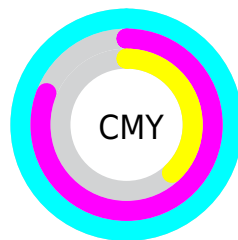
- Red (0%)
- Green (19%)
- Blue (62%)



- Red (0%)
- Yellow (15%)
- Blue (62%)



- Cyan (100%)
- Magenta (70%)
- Yellow (0%)
- Black (38%)



- Cyan (100%)
- Magenta (81%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00309F 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 00309F by changing the saturation by 10% instead.

■ 00309F

FFFFFF

■ 585ED7

■ 7777F4

■ 9490FF

■ B2ABFF

■ D0C6FF

■ EEE2FF

■ 00309F

■ 001B84

■ 00086A

■ 000051

■ 000539

■ 000223

■ 000009

■ 000000

■ 00309F

■ 103B9F

■ 20469F

■ 30519F

■ 405C9F

■ 50679F

■ 5F739F

■ 6F7E9F

■ 7F899F

■ 8F949F

Harmonies

Analogous

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



0047AC



00309F



750077

Triad

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



00309F



761B00



004F37

Complementary

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



00309F



9F6F00

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.



004D00



00309F



4F3A00

Square

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



00309F



8F000F



114700



00516F

Rectangle

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



00309F



8D0055



114700



004F24

Sweetspot

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



00309F



91A3CF



009F6D



434E69



E8E8E8



696969

Same Dimension

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



00309F



003ECF



1D009F



474A4F



002B8F



00050F

Inverse Universe

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



9F0030



CF003E



829F00



4F474A



8F002B



0F0005

Previews

White Background



This preview shows how the Hex color 00309F looks on a white background.

Color Contrast Check

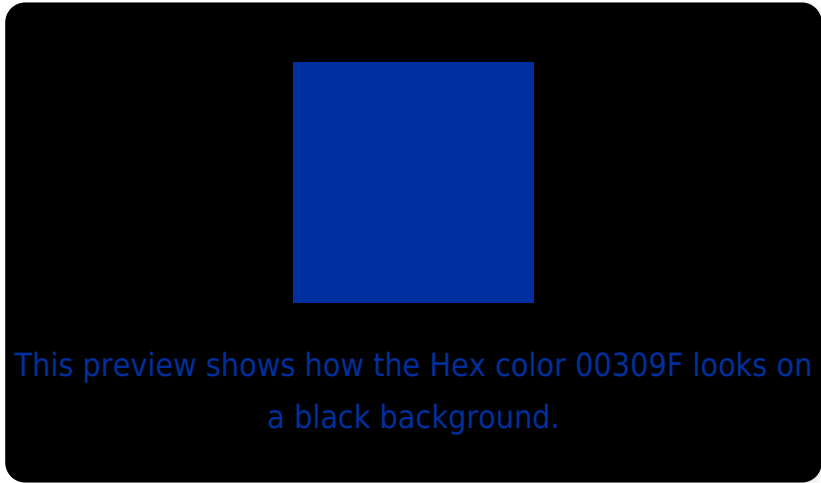
Large Text (above 18pt) WCAG AA ✓ Pass

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

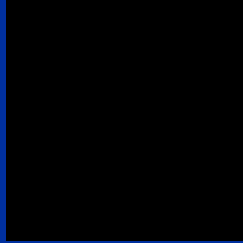
Any Text WCAG AA × Fail

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 00309F Background



This preview shows how black text looks on a background with the Hex color 00309F.

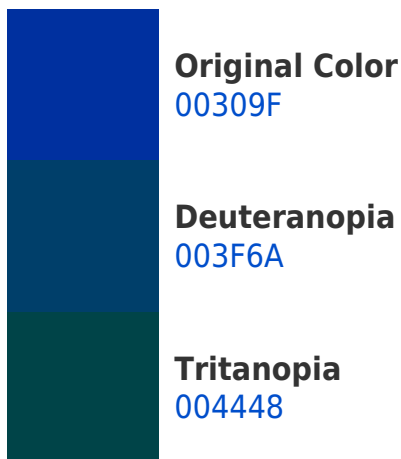


This preview shows how white text looks on a background with the Hex color 00309F.

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



Trichromacy



Original Color
00309F

Deuteranomaly
003A7D

Tritanomaly
003D68

Monochromacy



Original Color
00309F

Achromatopsia
2E2E2E

Achromatomaly
1D2F57

CSS Examples

Text

The CSS property to change the color of the text to Hex 00309F 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 #00309F looks like.

```
.text, #text, p{  
    color:#00309F  
}
```

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 #00309F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00309F
}
```

Border

The CSS property to change the border of an element to Hex 00309F is called "border". The border property can be set on classes, ids or directly on the HTML element.

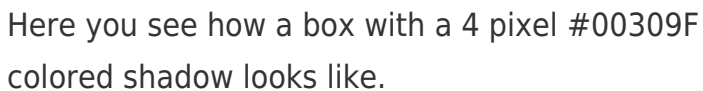
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00309F }
```

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

```
.border{ border-color:#00309F }
```

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



Here you see how a box with a 4 pixel #00309F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00309F; -webkit-box-shadow:4px 4px  
4px 4px #00309F; box-shadow:4px 4px 4px  
4px #00309F }
```

Background

The CSS property to change the background color of an element to Hex 00309F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00309F }
```

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

```
.background{ background-color:#00309F }
```

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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