

Converting Colors

Hex(03439B)

Have a look what the booklet for
Hex(03439B) contains.

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Color

Hex(03439B)

Conversions

Conversions Part 1

Format	Color
Hex	03439B
RGB	3, 67, 155
RGB Percent	1%, 26%, 61%
CMY	0.9882, 0.7373, 0.3922
CMYK	0.98, 0.57, 0.00, 0.39
HSL	215°, 96%, 31%
HSV	215°, 98%, 61%
XYZ	7.9611, 6.4002, 31.8261
YIQ	57.8960, -66.3920, 13.8000

Conversions

Conversions Part 2

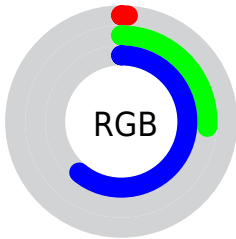
Format	Color
R _Y B	3, 48, 155
Decimal	213915
CIE Lab	30.40, 18.76, -52.73
CIE LCh	30, 55.969, 289.589
Yxy	6.4002, 0.1724, 0.1386
Android (android.graphics.Color)	4278403995 (0xFF03439B)
YUV	57.8960, 47.8723, -48.1438
Hunter-Lab	25.2987, 11.8985, -56.8787

Details

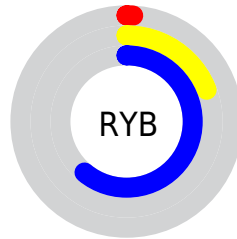
The Hex color **03439B** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **9B5B03**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **5672D2**, and **001A67** is the 20% darker color. If you saturate the color by 10%, you get **00419B**, and if you desaturate by 10%, it is **124C9B**.

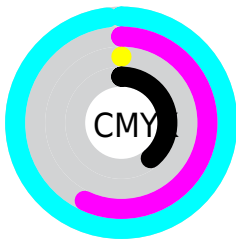
Distribution



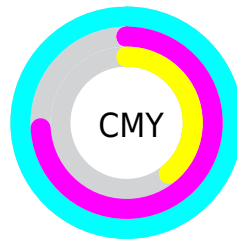
- Red (1%)
- Green (26%)
- Blue (61%)



- Red (1%)
- Yellow (19%)
- Blue (61%)



- Cyan (98%)
- Magenta (57%)
- Yellow (0%)
- Black (39%)



- Cyan (99%)
- Magenta (74%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 03439B 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 03439B by changing the saturation by 10% instead.

03439B

03439B

FFFFFF

002D80

5672D2

001A67

748CEF

00004E

91A6FF

000536

AEC1FF

000220

CCDDFF

000004

E9F9FF

000000

03439B

03439B

00419B

124C9B

■ 22559B

■ 315E9B

■ 41679B

■ 50709B

■ 60799B

■ 6F829B

■ 7F8B9B

■ 8E949B

Harmonies

Analogous

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



00529E



03439B



6B2B81

Triad

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



03439B



822A00



005936

Complementary

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



03439B



9B5B03

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.



005502



03439B



654000

Square

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



03439B



91082E



3E4E00



005A64

Rectangle

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



03439B



841467



3E4E00



005827

Sweetspot

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



03439B



8FA8C9



039B59



425166



E6E6E6



666666

Same Dimension

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



03439B



0055C9



0D039B



45484D



003B8C



00050D

Inverse Universe

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



9B0343



C90055



919B03



4D4548



8C003B



0D0005

Previews

White Background



This preview shows how the Hex color 03439B looks on a white background.

Color Contrast Check

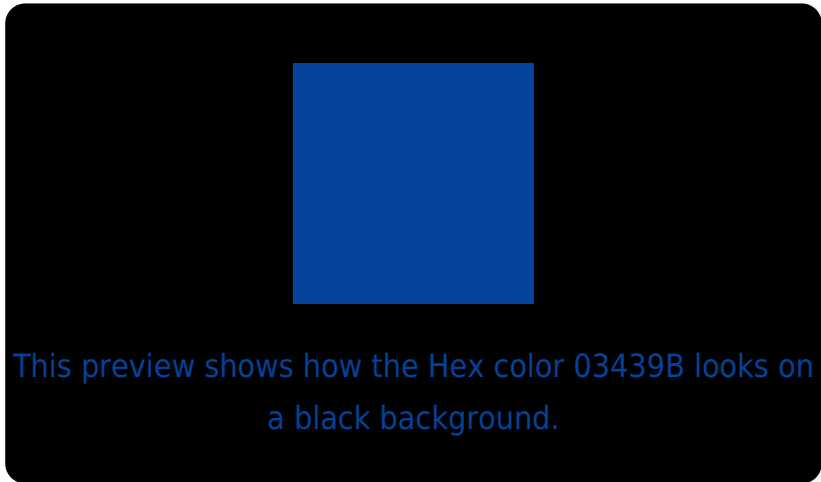
Large Text (above 18pt) WCAG AA ✓ Pass

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

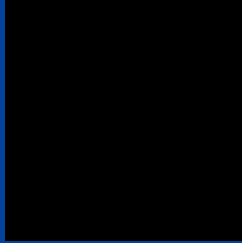
Any Text WCAG AA × Fail

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 03439B Background



This preview shows how black text looks on a background with the Hex color 03439B.



This preview shows how white text looks on a background with the Hex color 03439B.

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

03439B

Protanopia

004593

Deuteranopia

004A7E

Trichromacy



Original Color
03439B

Protanomaly
014496

Deuteranomaly
014789

Tritanomaly
014B6E

Monochromacy



Original Color
03439B

Achromatopsia
3A3A3A

Achromatomaly
263D5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 03439B 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 #03439B looks like.

```
.text, #text, p{  
    color:#03439B  
}
```

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 #03439B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03439B
}
```

Border

The CSS property to change the border of an element to Hex 03439B is called "border". The border property can be set on classes, ids or directly on the HTML element.

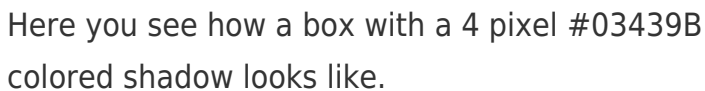
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#03439B }
```

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

```
.border{ border-color:#03439B }
```

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



Here you see how a box with a 4 pixel #03439B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03439B; -webkit-box-shadow:4px 4px  
4px 4px #03439B; box-shadow:4px 4px 4px  
4px #03439B }
```

Background

The CSS property to change the background color of an element to Hex 03439B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03439B }
```

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

```
.background{ background-color:#03439B }
```

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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