

Converting Colors

Hex(00439D)

Have a look what the booklet for
Hex(00439D) contains.

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Color

Hex(00439D)

Conversions

Conversions Part 1

Format	Color
Hex	00439D
RGB	0, 67, 157
RGB Percent	0%, 26%, 62%
CMY	1.0000, 0.7373, 0.3843
CMYK	1.00, 0.57, 0.00, 0.38
HSL	214°, 100%, 31%
HSV	214°, 100%, 62%
XYZ	8.0930, 6.4486, 32.7165
YIQ	57.2270, -68.8220, 13.7860

Conversions

Conversions Part 2

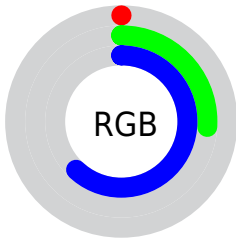
Format	Color
RYB	0, 47, 157
Decimal	17309
CIELab	30.52, 19.46, -53.75
CIELCh	31, 57.170, 289.904
Yxy	6.4486, 0.1713, 0.1365
Android (android.graphics.Color)	4278207389 (0xFF00439D)
YUV	57.2270, 49.1881, -50.1881
Hunter-Lab	25.3942, 12.4471, -58.6101

Details

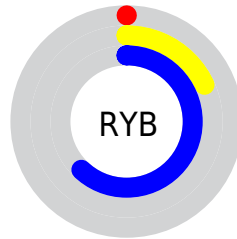
The Hex color **00439D** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **9D5A00**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **5672D4**, and **001A69** is the 20% darker color. If you saturate the color by 10%, you get **00439D**, and if you desaturate by 10%, it is **104C9D**.

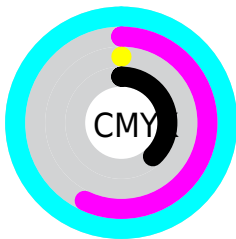
Distribution



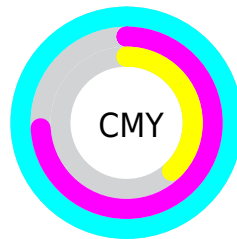
- Red (0%)
- Green (26%)
- Blue (62%)



- Red (0%)
- Yellow (18%)
- Blue (62%)



- Cyan (100%)
- Magenta (57%)
- Yellow (0%)
- Black (38%)



- Cyan (100%)
- Magenta (74%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00439D 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 00439D by changing the saturation by 10% instead.

■ 00439D

FFFFFF

■ 5672D4

■ 748CF1

■ 91A6FF

■ AEC1FF

■ CCDDFF

■ EAF9FF

■ 00439D

■ 002D82

■ 001A69

■ 000050

■ 000538

■ 000222

■ 000007

■ 000000

■ 00439D

■ 104C9D

■ 1F559D

■ 2F5E9D

■ 3F679D

■ 4F709D

■ 5E799D

■ 6E829D

■ 7E8B9D

■ 8D949D

Harmonies

Analogous

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



0052A1



00439D



6C2A82

Triad

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



00439D



832A00



005937

Complementary

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



00439D



9D5A00

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.



005601



00439D



654100

Square

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



00439D



93042D



3D4F00



005A65

Rectangle

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



00439D



861167



3D4F00



005927

Sweetspot

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



00439D



8FA9CC



009D59



415166



E6E6E6



666666

Same Dimension

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



00439D



0057CC



0A009D



474B4F



003D8F



00070F

Inverse Universe

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



9D0043



CC0057



939D00



4F474B



8F003D



0F0007

Previews

White Background



This preview shows how the Hex color 00439D looks on a white background.

Color Contrast Check

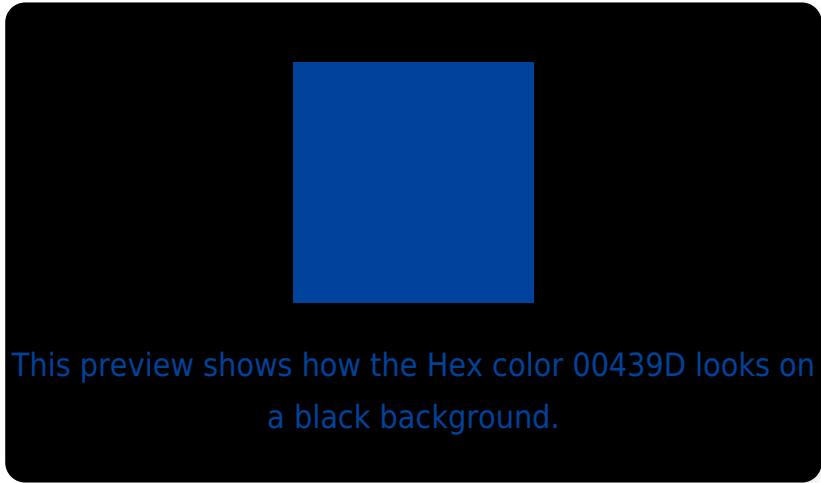
Large Text (above 18pt) WCAG AA ✓ Pass

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

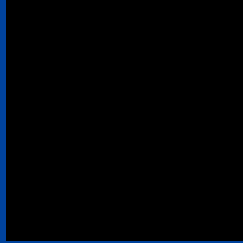
Any Text WCAG AA × Fail

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 00439D Background



This preview shows how black text looks on a background with the Hex color 00439D.



This preview shows how white text looks on a background with the Hex color 00439D.

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

00439D

Protanopia

004594

Deuteranopia

004A7F

Trichromacy



Original Color
00439D

Protanomaly
004497

Deuteranomaly
00478A

Tritanomaly
004B6F

Monochromacy



Original Color
00439D

Achromatopsia
393939

Achromatomaly
243D5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 00439D 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 #00439D looks like.

```
.text, #text, p{  
    color:#00439D  
}
```

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 #00439D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00439D
}
```

Border

The CSS property to change the border of an element to Hex 00439D 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
#00439D }
```

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

```
.border{ border-color:#00439D }
```

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

Here you see how a box with a 4 pixel #00439D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00439D; -webkit-box-shadow:4px 4px  
4px 4px #00439D; box-shadow:4px 4px 4px  
4px #00439D }
```

Background

The CSS property to change the background color of an element to Hex 00439D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00439D }
```

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

```
.background{ background-color:#00439D }
```

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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