

Converting Colors

Hex(01339A)

Have a look what the booklet for
Hex(01339A) contains.

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Color

Hex(01339A)

Conversions

Conversions Part 1

Format	Color
Hex	01339A
RGB	1, 51, 154
RGB Percent	0%, 20%, 60%
CMY	0.9961, 0.8000, 0.3961
CMYK	0.99, 0.67, 0.00, 0.40
HSL	220°, 99%, 30%
HSV	220°, 99%, 60%
XYZ	7.0291, 4.7072, 31.1100
YIQ	47.7920, -62.8630, 21.4330

Conversions

Conversions Part 2

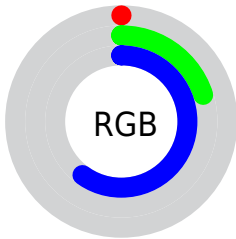
Format	Color
R_{YB}	1, 39, 154
Decimal	78746
CIE _{Lab}	25.88, 29.34, -59.51
CIE _{LCh}	26, 66.353, 296.243
Yxy	4.7072, 0.1641, 0.1099
Android (android.graphics.Color)	4278268826 (0xFF01339A)
YUV	47.7920, 52.3605, -41.0366
Hunter-Lab	21.6961, 19.8621, -69.8285

Details

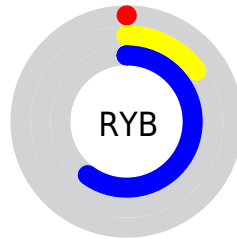
The Hex color **01339A** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **9A6801**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **5761D1**, and **000B66** is the 20% darker color. If you saturate the color by 10%, you get **00329A**, and if you desaturate by 10%, it is **103D9A**.

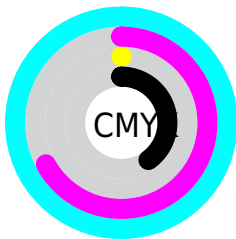
Distribution



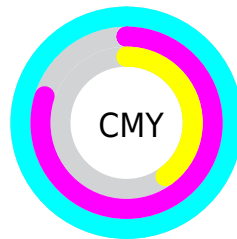
- Red (0%)
- Green (20%)
- Blue (60%)



- Red (0%)
- Yellow (15%)
- Blue (60%)



- Cyan (99%)
- Magenta (67%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (80%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 01339A 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 01339A by changing the saturation by 10% instead.

■ 01339A

■ 01339A

FFFFFF

■ 001E7F

■ 5761D1

■ 000B66

■ 757AEE

■ 00004D

■ 9293FF

■ 000535

■ AFAEFF

■ 00021F

■ CDC9FF

■ 000002

■ EBE6FF

■ 000000

■ 01339A

■ 01339A

■ 00329A

■ 103D9A

■ 20489A

■ 2F529A

■ 3F5C9A

■ 4E679A

■ 5D719A

■ 6D7C9A

■ 7C869A

■ 8C909A

Harmonies

Analogous

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



0047A5



01339A



700076

Triad

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



01339A



761D00



004F35

Complementary

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



01339A



9A6801

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



01339A



523A00

Square

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



01339A



8C0015



1E4700



005069

Rectangle

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



01339A



870057



1E4700



004F23

Sweetspot

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



01339A



8DA1C9



019A67



414D66



E6E6E6



666666

Same Dimension

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



01339A



0042C9



1A019A



45474D



002E8C



00040D

Inverse Universe

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



9A0133



C90042



809A01



4D4547



8C002E



0D0004

Previews

White Background



This preview shows how the Hex color 01339A looks on a white background.

Color Contrast Check

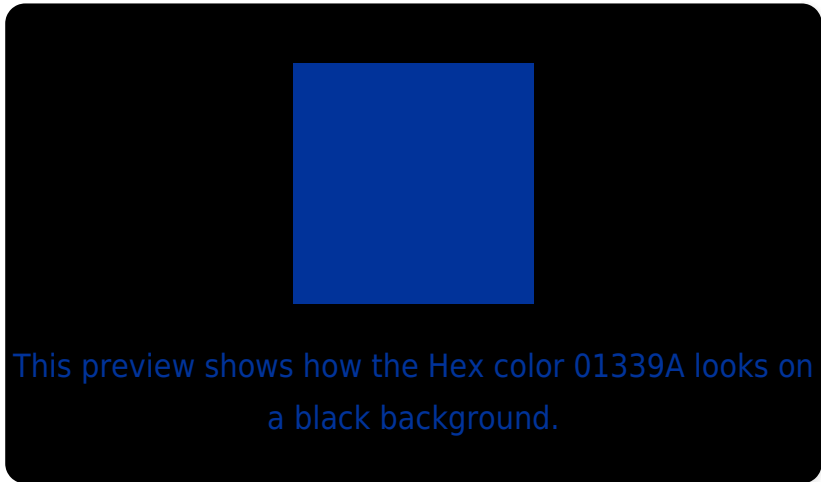
Large Text (above 18pt) WCAG AA ✓ Pass

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

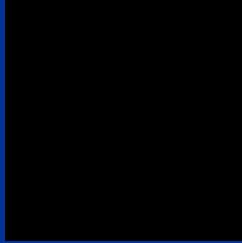
Any Text WCAG AA × Fail

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 01339A Background



This preview shows how black text looks on a background with the Hex color 01339A.



This preview shows how white text looks on a background with the Hex color 01339A.

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
01339A

Protanopia
003C7E

Deuteranopia
00406B

Trichromacy



Original Color
01339A

Protanomaly
003988

Deuteranomaly
003B7C

Tritanomaly
003E66

Monochromacy



Original Color
01339A

Achromatopsia
303030

Achromatomaly
1F3157

CSS Examples

Text

The CSS property to change the color of the text to Hex 01339A 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 #01339A looks like.

```
.text, #text, p{  
    color:#01339A  
}
```

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 #01339A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01339A
}
```

Border

The CSS property to change the border of an element to Hex 01339A is called "border". The border property can be set on classes, ids or directly on the HTML element.

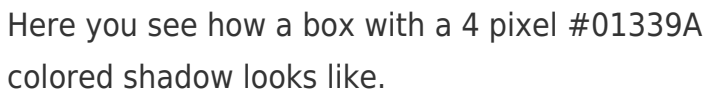
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#01339A }
```

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

```
.border{ border-color:#01339A }
```

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



Here you see how a box with a 4 pixel #01339A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01339A; -webkit-box-shadow:4px 4px  
4px 4px #01339A; box-shadow:4px 4px 4px  
4px #01339A }
```

Background

The CSS property to change the background color of an element to Hex 01339A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01339A }
```

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

```
.background{ background-color:#01339A }
```

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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