

Converting Colors

Hex(11339C)

Have a look what the booklet for
Hex(11339C) contains.

Hex(11339C)	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>	29

Color

Hex(11339C)

Conversions

Conversions Part 1

Format	Color
Hex	11339C
RGB	17, 51, 156
RGB Percent	7%, 20%, 61%
CMY	0.9333, 0.8000, 0.3882
CMYK	0.89, 0.67, 0.00, 0.39
HSL	225°, 80%, 34%
HSV	225°, 89%, 61%
XYZ	7.4157, 4.8871, 32.0049
YIQ	52.8040, -53.9690, 25.4470

Conversions

Conversions Part 2

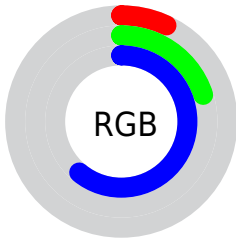
Format	Color
R_{YB}	17, 44, 156
Decimal	1127324
CIE _{Lab}	26.41, 30.85, -59.86
CIE _{LCh}	26, 67.338, 297.265
Yxy	4.8871, 0.1674, 0.1103
Android (android.graphics.Color)	4279317404 (0xFF11339C)
YUV	52.8040, 50.8756, -31.4001
Hunter-Lab	22.1068, 21.1909, -70.3617

Details

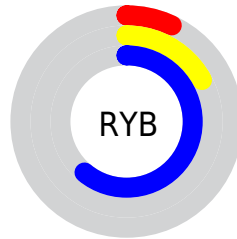
The Hex color **11339C** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **9C7A11**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **5C61D4**, and **000B67** is the 20% darker color. If you saturate the color by 10%, you get **01279C**, and if you desaturate by 10%, it is **213F9C**.

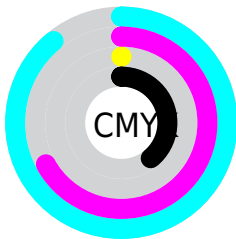
Distribution



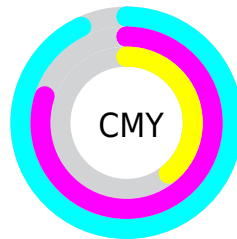
- Red (7%)
- Green (20%)
- Blue (61%)



- Red (7%)
- Yellow (17%)
- Blue (61%)



- Cyan (89%)
- Magenta (67%)
- Yellow (0%)
- Black (39%)



- Cyan (93%)
- Magenta (80%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 11339C 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 11339C by changing the saturation by 10% instead.

■ 11339C

FFFFFF

■ 5C61D4

■ 797AF0

■ 9794FF

■ B4AEFF

■ D1CAFF

■ EFE6FF

■ 11339C

■ 01279C

■ 11339C

■ 001E81

■ 000B67

■ 00004F

■ 000537

■ 000220

■ 000005

■ 000000

■ 11339C

■ 213F9C

■ 00269C

■ 304B9C

■ 40569C

■ 4F629C

■ 5F6E9C

■ 6F7A9C

■ 7E859C

■ 8E919C

■ 9D9D9C

Harmonies

Analogous

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



0048A8



11339C



740077

Triad

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



11339C



771F00



005138

Complementary

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



11339C



9C7A11

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.



004E00



11339C



523B00

Square

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



11339C



8E0014



1C4900



00526D

Rectangle

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



11339C



8B0057



1C4900



005026

Sweetspot

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



11339C



95A2CC



119C79



454D66



E6E6E6



666666

Same Dimension

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



11339C



0032CC



34119C



47494F



00238F



00040F

Inverse Universe

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



9C1133



CC0032



799C11



4F4749



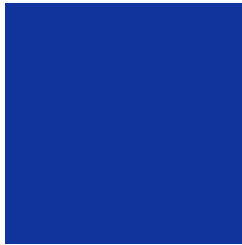
8F0023



0F0004

Previews

White Background



This preview shows how the Hex color 11339C looks on a white background.

Color Contrast Check

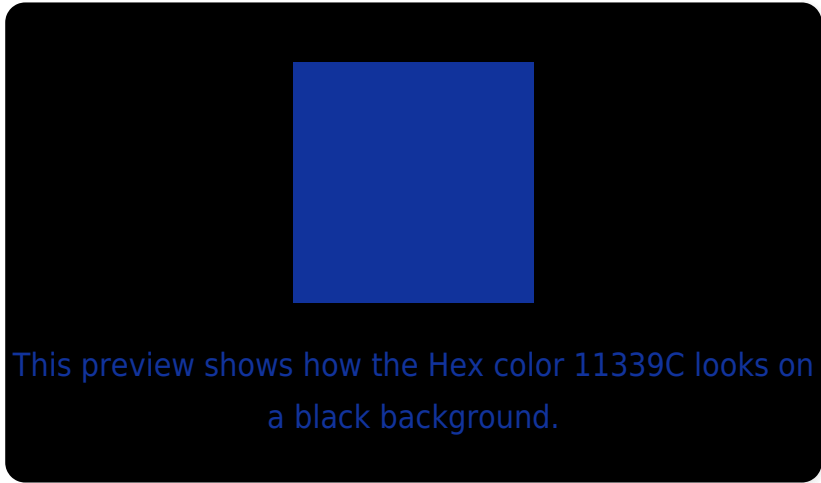
Large Text (above 18pt) WCAG AA ✓ Pass

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

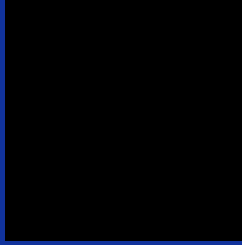
Any Text WCAG AA × Fail

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 11339C Background



This preview shows how black text looks on a background with the Hex color 11339C.



This preview shows how white text looks on a background with the Hex color 11339C.

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
11339C

Protanopia
003C7F

Deuteranopia
00406D

Trichromacy



Original Color
11339C

Protanomaly
06398A

Deuteranomaly
063B7E

Tritanomaly
063F67

Monochromacy



Original Color
11339C

Achromatopsia
353535

Achromatomaly
28345A

CSS Examples

Text

The CSS property to change the color of the text to Hex 11339C 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 #11339C looks like.

```
.text, #text, p{  
    color:#11339C  
}
```

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 #11339C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #11339C
}
```

Border

The CSS property to change the border of an element to Hex 11339C is called "border". The border property can be set on classes, ids or directly on the HTML element.

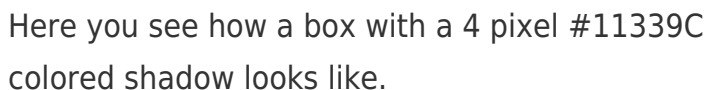
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#11339C }
```

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

```
.border{ border-color:#11339C }
```

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



Here you see how a box with a 4 pixel #11339C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #11339C; -webkit-box-shadow:4px 4px  
4px 4px #11339C; box-shadow:4px 4px 4px  
4px #11339C }
```

Background

The CSS property to change the background color of an element to Hex 11339C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#11339C }
```

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

```
.background{ background-color:#11339C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor