

Converting Colors

Hex(2F39AC)

Have a look what the booklet for
Hex(2F39AC) contains.

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Color

Hex(2F39AC)

Conversions

Conversions Part 1

Format	Color
Hex	2F39AC
RGB	47, 57, 172
RGB Percent	18%, 22%, 67%
CMY	0.8157, 0.7765, 0.3255
CMYK	0.73, 0.67, 0.00, 0.33
HSL	235°, 57%, 43%
HSV	235°, 73%, 67%
XYZ	10.0818, 6.5092, 39.7547
YIQ	67.1200, -42.8750, 33.6450

Conversions

Conversions Part 2

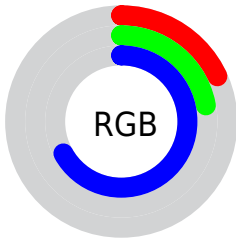
Format	Color
RYB	47, 56, 172
Decimal	3094956
CIELab	30.66, 35.55, -62.49
CIELCh	31, 71.900, 299.636
Yxy	6.5092, 0.1789, 0.1155
Android (android.graphics.Color)	4281285036 (0xFF2F39AC)
YUV	67.1200, 51.7058, -17.6452
Hunter-Lab	25.5130, 25.8888, -74.5273




Details

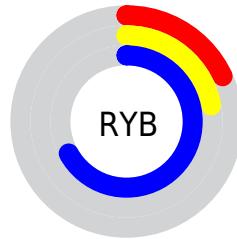
The Hex color **2F39AC** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **ACA22F**, and the grayscale version is **434343**.




A 20% lighter version of the original color is **6F68E4**, and **000F76** is the 20% darker color. If you saturate the color by 10%, you get **1E29AC**, and if you desaturate by 10%, it is **4049AC**.

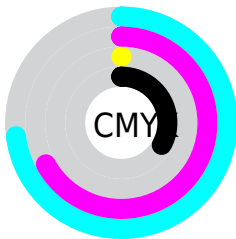
Distribution







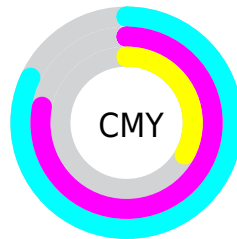
-  Red (18%)
-  Green (22%)
-  Blue (67%)






-  Red (18%)
-  Yellow (22%)
-  Blue (67%)



-  Cyan (73%)
-  Magenta (67%)
-  Yellow (0%)
-  Black (33%)



-  Cyan (82%)
-  Magenta (78%)
-  Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F39AC 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 2F39AC by changing the saturation by 10% instead.

■ 2F39AC

■ 2F39AC

FFFFFF

■ 002391

■ 6F68E4

■ 000F76

■ 8C82FF

■ 00005D

■ AA9CFF

■ 000844

■ C7B7FF

■ 00032D

■ E5D2FF

■ 000117

■ FFEFFF

■ 000000

■ 2F39AC

■ 2F39AC

■ 1E29AC

■ 4049AC

■ 0D19AC

■ 5159AC

■ 000EAC

■ 6368AC

■ 7478AC

■ 8588AC

■ 9698AC

■ A7A8AC

■ B9B8AC

■ CAC7AC

Harmonies

Analogous

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



0051BB



2F39AC



870082

Triad

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



2F39AC



842A00



005D46

Complementary

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



2F39AC



ACA22F

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.



005A01



2F39AC



5A4600

Square

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



2F39AC



9F0015



1C5400



005E7F

Rectangle

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



2F39AC



9E005E



1C5400



005C32

Sweetspot

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



2F39AC



AFB3E0



2FACA2



535570



F0F0F0



707070

Same Dimension

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



2F39AC



1D2DE0



632FAC



4E4F57



000C96



000217

Inverse Universe

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



AC2F39



E01D2D



78AC2F



574E4F



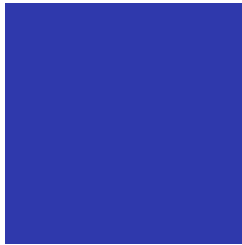
96000C



170002

Previews

White Background



This preview shows how the Hex color 2F39AC looks on a white background.

Color Contrast Check

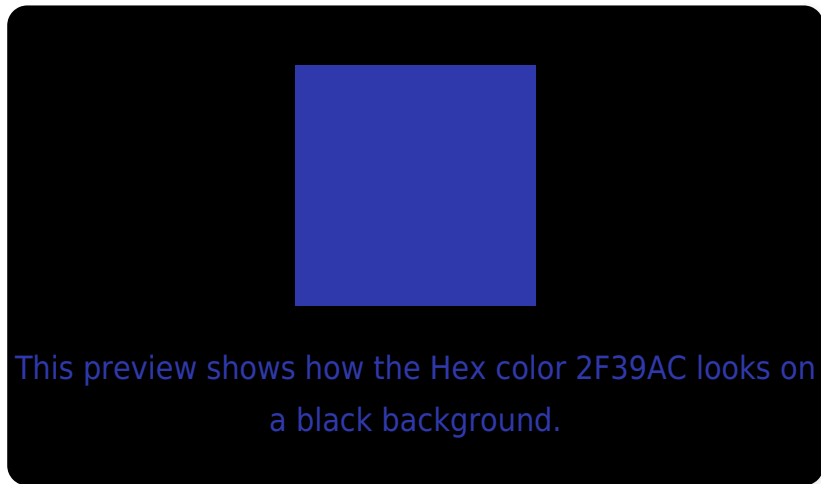
Large Text (above 18pt) WCAG AA ✓ Pass

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

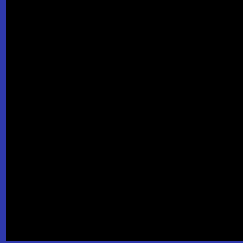
Any Text WCAG AA × Fail

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 2F39AC Background



This preview shows how black text looks on a background with the Hex color 2F39AC.



This preview shows how white text looks on a background with the Hex color 2F39AC.

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
2F39AC

Protanomaly
11419C

Deuteranomaly
11448F

Tritanomaly
114875

Monochromacy



Original Color
2F39AC

Achromatopsia
434343

Achromatomaly
3C3F69

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F39AC 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 #2F39AC looks like.

```
.text, #text, p{  
    color:#2F39AC  
}
```

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 #2F39AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F39AC
}
```

Border

The CSS property to change the border of an element to Hex 2F39AC 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".

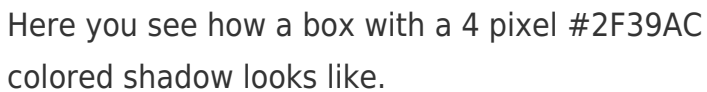
```
.border, #border, table{ border:4px solid
#2F39AC }
```

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

```
.border{ border-color:#2F39AC }
```

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

Here you see how a box with a 4 pixel #2F39AC colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F39AC; -webkit-box-shadow:4px 4px  
4px 4px #2F39AC; box-shadow:4px 4px 4px  
4px #2F39AC }
```

Background

The CSS property to change the background color of an element to Hex 2F39AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F39AC }
```

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

```
.background{ background-color:#2F39AC }
```

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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