

Converting Colors

Hex(7A39BF)

Have a look what the booklet for
Hex(7A39BF) contains.

Hex(7A39BF)	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(7A39BF)

Conversions

Conversions Part 1

Format	Color
Hex	7A39BF
RGB	122, 57, 191
RGB Percent	48%, 22%, 75%
CMY	0.5216, 0.7765, 0.2510
CMYK	0.36, 0.70, 0.00, 0.25
HSL	269°, 54%, 49%
HSV	269°, 70%, 75%
XYZ	18.8931, 10.8254, 50.3840
YIQ	91.7110, -4.2740, 55.4540

Conversions

Conversions Part 2

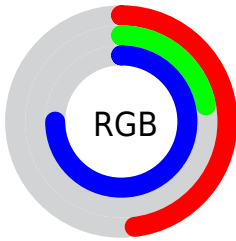
Format	Color
R_{YB}	122, 57, 191
Decimal	8010175
CIE _{Lab}	39.28, 53.51, -59.38
CIE _{LCh}	39, 79.928, 312.024
Yxy	10.8254, 0.2359, 0.1351
Android (android.graphics.Color)	4286200255 (0xFF7A39BF)
YUV	91.7110, 48.9495, 26.5635
Hunter-Lab	32.9020, 44.9206, -67.7614

Details

The Hex color **7A39BF** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **7EBF39**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **B36DF8**, and **410088** is the 20% darker color. If you saturate the color by 10%, you get **7026BF**, and if you desaturate by 10%, it is **844CBF**.

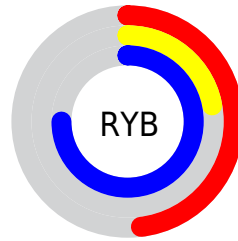
Distribution



Red (48%)

Green (22%)

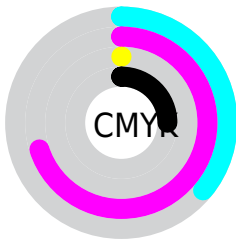
Blue (75%)



Red (48%)

Yellow (22%)

Blue (75%)

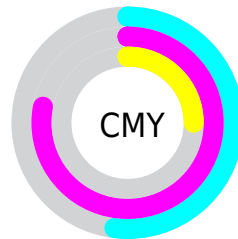


Cyan (36%)

Magenta (70%)

Yellow (0%)

Black (25%)



Cyan (52%)

Magenta (78%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A39BF 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 7A39BF by changing the saturation by 10% instead.

7A39BF

7A39BF

FFFFFF

5E1EA3

B36DF8

410088

D088FF

22006E

EEA3FF

000055

FFBFFF

00003D

FFDBFF

000326

FFF8FF

00010F

000000

7A39BF

7A39BF

7026BF

844CBF

6613BF

8E5FBF

5D00BF

9872BF

A185BF

AB99BF

B5ACBF

BFBFBF

C9D2BF

D3E5BF

Harmonies

Analogous

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



005DDF



7A39BF



B80086

Triad

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



7A39BF



914A00



007676

Complementary

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



7A39BF



7EBF39

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.



007431



7A39BF



5A6200

Square

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



7A39BF



B81800



006E00



0075B4

Rectangle

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



7A39BF



C7005B



006E00



00755F

Sweetspot

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



7A39BF



DDC3F7



397EBF



6D5E7D



FCFCFC



7D7D7D

Same Dimension

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



7A39BF



8C28F7



BD39BF



59555E



4D009E



0F001F

Inverse Universe

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



BF397E



F72893



3BBF39



5E555A



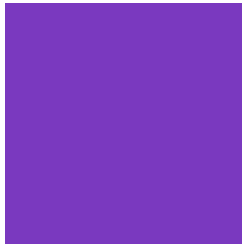
9E0051



1F0010

Previews

White Background



This preview shows how the Hex color 7A39BF looks on a white background.

Color Contrast Check

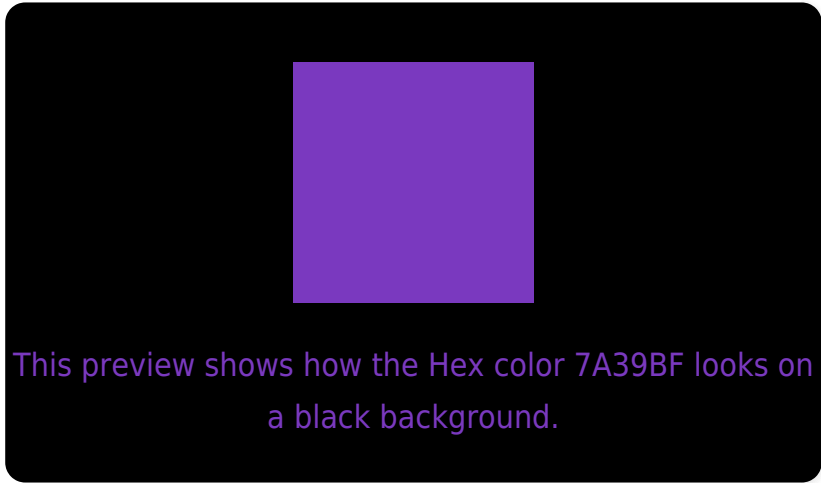
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 7A39BF Background



This preview shows how black text looks on a background with the Hex color 7A39BF.

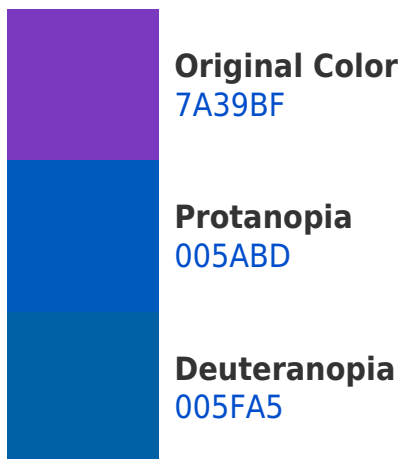


This preview shows how white text looks on a background with the Hex color 7A39BF.

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





Tritanopia
675960

Trichromacy



Original Color
7A39BF



Protanomaly
2C4EBE



Deuteranomaly
2C51AE



Tritanomaly
6E4D83

Monochromacy



Original Color
7A39BF



Achromatopsia
5C5C5C



Achromatomaly
674F80

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A39BF 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 #7A39BF looks like.

```
.text, #text, p{  
    color:#7A39BF  
}
```

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 #7A39BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A39BF
}
```

Border

The CSS property to change the border of an element to Hex 7A39BF is called "border". The border property can be set on classes, ids or directly on the HTML element.

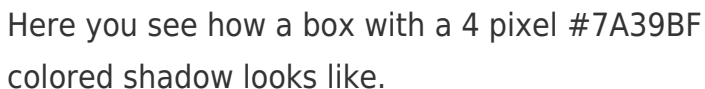
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A39BF }
```

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

```
.border{ border-color:#7A39BF }
```

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



Here you see how a box with a 4 pixel #7A39BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A39BF; -webkit-box-shadow:4px 4px  
4px 4px #7A39BF; box-shadow:4px 4px 4px  
4px #7A39BF }
```

Background

The CSS property to change the background color of an element to Hex 7A39BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A39BF }
```

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

```
.background{ background-color:#7A39BF }
```

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