

Converting Colors

Hex(7B69CC)

Have a look what the booklet for
Hex(7B69CC) contains.

Hex(7B69CC)	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(7B69CC)

Conversions

Conversions Part 1

Format	Color
Hex	7B69CC
RGB	123, 105, 204
RGB Percent	48%, 41%, 80%
CMY	0.5176, 0.5882, 0.2000
CMYK	0.40, 0.49, 0.00, 0.20
HSL	251°, 49%, 61%
HSV	251°, 49%, 80%
XYZ	24.1190, 18.6737, 59.4599
YIQ	121.6680, -21.0510, 34.6050

Conversions

Conversions Part 2

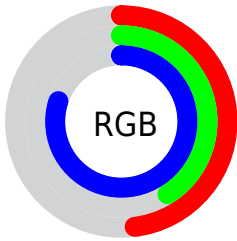
Format	Color
R_{YB}	123, 105, 204
Decimal	8088012
CIE _{Lab}	50.30, 30.76, -49.16
CIE _{LCh}	50, 57.990, 302.036
Yxy	18.6737, 0.2359, 0.1826
Android (android.graphics.Color)	4286278092 (0xFF7B69CC)
YUV	121.6680, 40.5897, 1.1682
Hunter-Lab	43.2131, 24.0053, -51.3320

Details

The Hex color **7B69CC** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **BACC69**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **B39DFF**, and **443995** is the 20% darker color. If you saturate the color by 10%, you get **6A55CC**, and if you desaturate by 10%, it is **8C7DCC**.

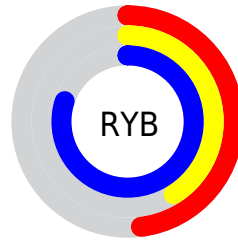
Distribution



Red (48%)

Green (41%)

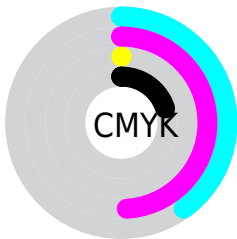
Blue (80%)



Red (48%)

Yellow (41%)

Blue (80%)

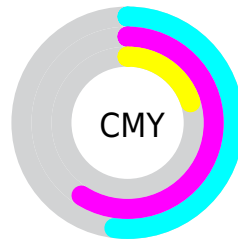


Cyan (40%)

Magenta (49%)

Yellow (0%)

Black (20%)



Cyan (52%)

Magenta (59%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B69CC 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 7B69CC by changing the saturation by 10% instead.

■ 7B69CC

■ 7B69CC

FFFFFF

■ 6051B0

■ B39DFF

■ 443995

■ D0B8FF

■ 27237B

■ EDD3FF

■ 000E61

■ FFF0FF

■ 000049

■ 000431

■ 00011B

■ 000000

■ 7B69CC

■ 7B69CC

6A55CC

8C7DCC

5A40CC

9C92CC

492CCC

ADA6CC

3817CC

BEBBCC

2803CC

CECFCC

2500CC

DFE3CC

F0F8CC

FFFFCC

Harmonies

Analogous

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



007DDB



7B69CC



B552A7

Triad

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



7B69CC



B3631B



008E7A

Complementary

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



7B69CC



BACC69

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.



008B47



7B69CC



8C7700

Square

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



7B69CC



CB4E46



5A8417



008EAB

Rectangle

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



7B69CC



C94787



5A8417



008E68

Sweetspot

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



7B69CC



E0D9FF



69BBCC



6D6980



000000



808080

Same Dimension

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



7B69CC



866BFF



AB69CC



5E5C66



1E00A6



070026

Inverse Universe

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



CC69BA



FF6BE4



8ACC69



665C64



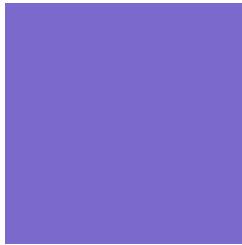
A60088



26001F

Previews

White Background



This preview shows how the Hex color 7B69CC looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

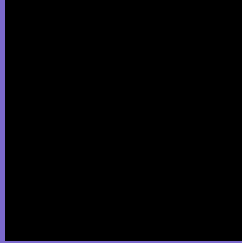
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 7B69CC Background



This preview shows how black text looks on a background with the Hex color 7B69CC.

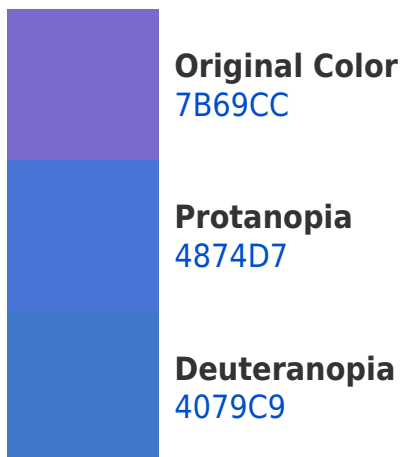


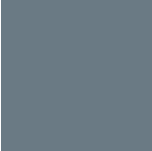
This preview shows how white text looks on a background with the Hex color 7B69CC.

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](#).

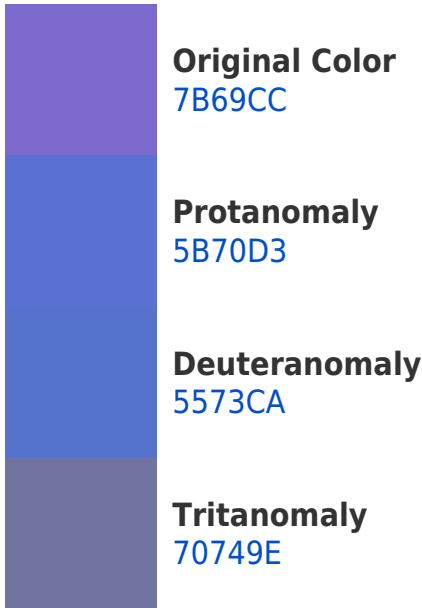
Dichromacy



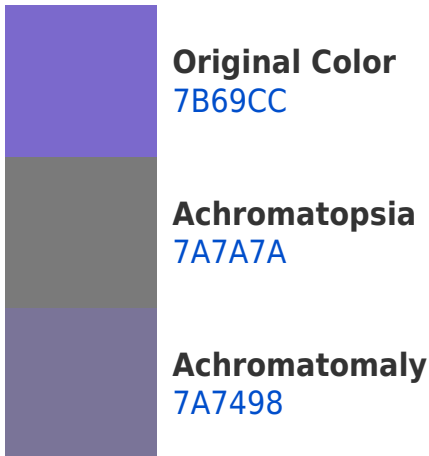


Tritanopia
6A7A84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7B69CC 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 #7B69CC looks like.

```
.text, #text, p{  
    color:#7B69CC  
}
```

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 #7B69CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B69CC
}
```

Border

The CSS property to change the border of an element to Hex 7B69CC 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".

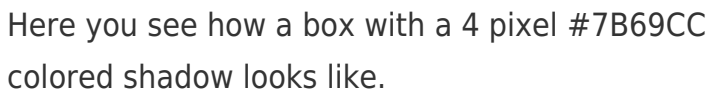
```
.border, #border, table{ border:4px solid
#7B69CC }
```

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

```
.border{ border-color:#7B69CC }
```

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

Here you see how a box with a 4 pixel #7B69CC colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B69CC; -webkit-box-shadow:4px 4px  
4px 4px #7B69CC; box-shadow:4px 4px 4px  
4px #7B69CC }
```

Background

The CSS property to change the background color of an element to Hex 7B69CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B69CC }
```

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

```
.background{ background-color:#7B69CC }
```

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