

Converting Colors

Hex(7B70C2)

Have a look what the booklet for
Hex(7B70C2) contains.

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Color

Hex(7B70C2)

Conversions

Conversions Part 1

Format	Color
Hex	7B70C2
RGB	123, 112, 194
RGB Percent	48%, 44%, 76%
CMY	0.5176, 0.5608, 0.2392
CMYK	0.37, 0.42, 0.00, 0.24
HSL	248°, 40%, 60%
HSV	248°, 42%, 76%
XYZ	23.7002, 19.6943, 53.5912
YIQ	124.6370, -19.7660, 27.8340

Conversions

Conversions Part 2

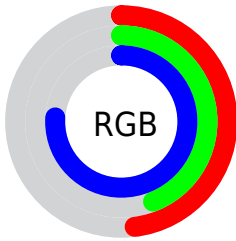
Format	Color
R_{YB}	123, 112, 194
Decimal	8089794
CIE _{Lab}	51.49, 23.80, -41.55
CIE _{LCh}	51, 47.883, 299.809
Yxy	19.6943, 0.2444, 0.2031
Android (android.graphics.Color)	4286279874 (0xFF7B70C2)
YUV	124.6370, 34.1960, -1.4356
Hunter-Lab	44.3783, 17.6656, -40.5337

Details

The Hex color **7B70C2** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **B7C270**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **B2A4FB**, and **46408C** is the 20% darker color. If you saturate the color by 10%, you get **6A5DC2**, and if you desaturate by 10%, it is **8C83C2**.

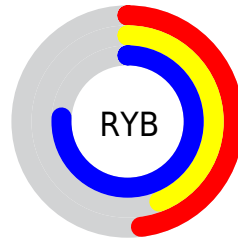
Distribution



Red (48%)

Green (44%)

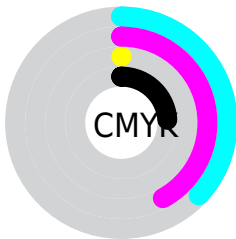
Blue (76%)



Red (48%)

Yellow (44%)

Blue (76%)

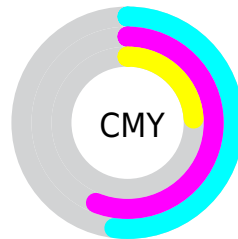


Cyan (37%)

Magenta (42%)

Yellow (0%)

Black (24%)



Cyan (52%)

Magenta (56%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B70C2 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 7B70C2 by changing the saturation by 10% instead.

■ 7B70C2

■ 7B70C2

FFFFFF

■ 6058A7

■ B2A4FB

■ 46408C

■ CEBFFF

■ 2B2A72

■ EBDBFF

■ 091559

■ FFF7FF

■ 000041

■ 00032A

■ 000114

■ 000000

■ 7B70C2

■ 7B70C2

6A5DC2

8C83C2

5949C2

9D97C2

4936C2

ADAAC2

3822C2

BEBEC2

270FC2

CFD1C2

1A00C2

E0E4C2

F1F8C2

FFFFC2

Harmonies

Analogous

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



077FCD



7B70C2



AC5FA5

Triad

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



7B70C2



B16933



008E79

Complementary

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



7B70C2



B7C270

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.



2D8B50



7B70C2



917923

Square

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



7B70C2



C35A54



68842F



008EA2

Rectangle

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



7B70C2



BE578A



68842F



008E6B

Sweetspot

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



7B70C2



E0DCFC



70B7C2



6E6B80



000000



808080

Same Dimension

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



7B70C2



8D7CFC



A470C2



595761



1600A1



040021

Inverse Universe

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



C270B7



FC7CEB



8EC270



615760



A1008B



21001D

Previews

White Background



This preview shows how the Hex color 7B70C2 looks on a white background.

Color Contrast Check

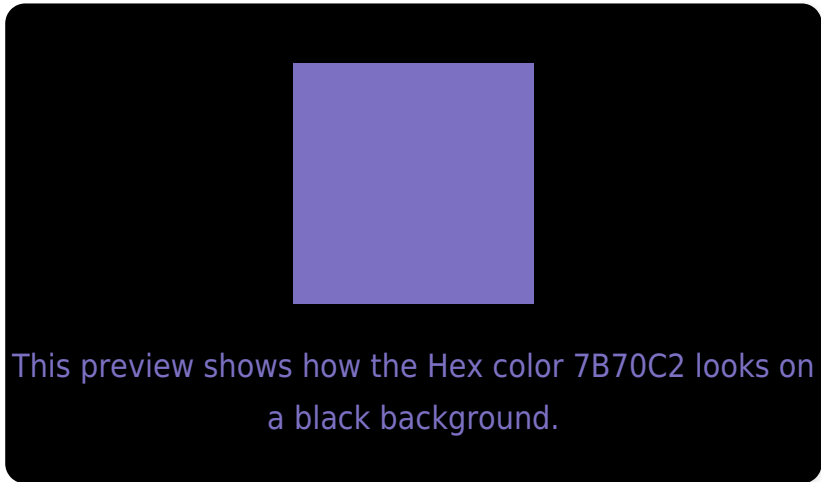
Large Text (above 18pt) WCAG AA ✓ Pass

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

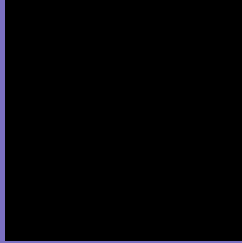
Any Text WCAG AA ✓ Pass

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 7B70C2 Background



This preview shows how black text looks on a background with the Hex color 7B70C2.



This preview shows how white text looks on a background with the Hex color 7B70C2.

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](#).

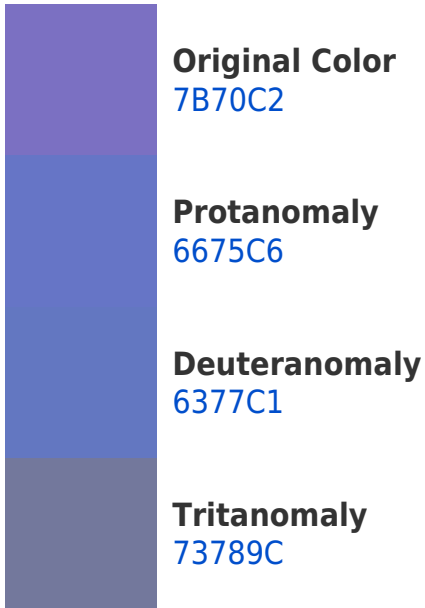
Dichromacy



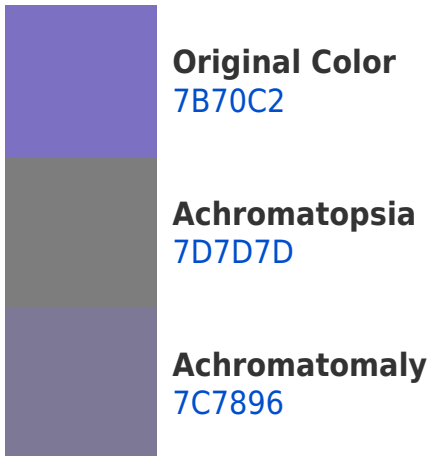


Tritanopia
6E7D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7B70C2 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 #7B70C2 looks like.

```
.text, #text, p{  
    color:#7B70C2  
}
```

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 #7B70C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B70C2
}
```

Border

The CSS property to change the border of an element to Hex 7B70C2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

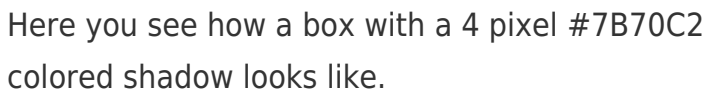
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B70C2 }
```

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

```
.border{ border-color:#7B70C2 }
```

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



Here you see how a box with a 4 pixel #7B70C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B70C2; -webkit-box-shadow:4px 4px  
4px 4px #7B70C2; box-shadow:4px 4px 4px  
4px #7B70C2 }
```

Background

The CSS property to change the background color of an element to Hex 7B70C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B70C2 }
```

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

```
.background{ background-color:#7B70C2 }
```

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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