

Converting Colors

Hex(7B7BCD)

Have a look what the booklet for
Hex(7B7BCD) contains.

Hex(7B7BCD)	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(7B7BCD)

Conversions

Conversions Part 1

Format	Color
Hex	7B7BCD
RGB	123, 123, 205
RGB Percent	48%, 48%, 80%
CMY	0.5176, 0.5176, 0.1961
CMYK	0.40, 0.40, 0.00, 0.20
HSL	240°, 45%, 64%
HSV	240°, 40%, 80%
XYZ	26.2708, 22.7846, 60.7709
YIQ	132.3480, -26.3220, 25.5020

Conversions

Conversions Part 2

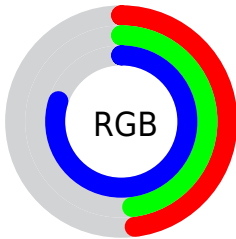
Format	Color
R_{YB}	123, 123, 205
Decimal	8092621
CIE _{Lab}	54.85, 20.31, -42.51
CIE _{LCh}	55, 47.115, 295.536
Yxy	22.7846, 0.2392, 0.2075
Android (android.graphics.Color)	4286282701 (0xFF7B7BCD)
YUV	132.3480, 35.8174, -8.1982
Hunter-Lab	47.7333, 14.7072, -42.0708

Details

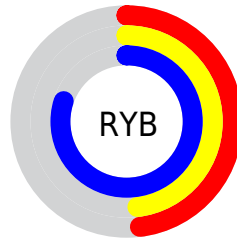
The Hex color **7B7BCD** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **CDCD7B**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **B2AFFF**, and **454A96** is the 20% darker color. If you saturate the color by 10%, you get **6767CD**, and if you desaturate by 10%, it is **9090CD**.

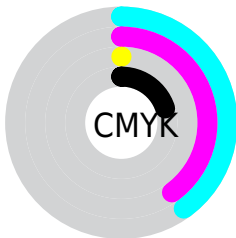
Distribution



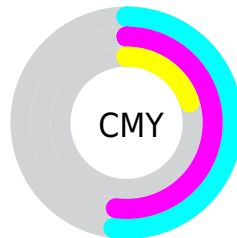
- Red (48%)
- Green (48%)
- Blue (80%)



- Red (48%)
- Yellow (48%)
- Blue (80%)



- Cyan (40%)
- Magenta (40%)
- Yellow (0%)
- Black (20%)



- Cyan (52%)
- Magenta (52%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B7BCD 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 7B7BCD by changing the saturation by 10% instead.

■ 7B7BCD

■ 7B7BCD

FFFFFF

■ 6062B1

■ B2AFFF

■ 454A96

■ CFCBFF

■ 29347C

■ ECE7FF

■ 011F63

■ 000A4A

■ 000433

■ 00021D

■ 000000

■ 7B7BCD

■ 7B7BCD

6767CD

9090CD

5252CD

A4A4CD

3E3ECD

B9B9CD

2929CD

CDCDCD

1414CD

E2E2CD

0000CD

F6F6CD

FFFFCD

Harmonies

Analogous

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



008AD4



7B7BCD



AF6AB2

Triad

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



7B7BCD



BE7041



00977C

Complementary

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



7B7BCD



CDCD7B

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.



449353



7B7BCD



9F7F2E

Square

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



7B7BCD



CE6262



788B35



0097A5

Rectangle

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



7B7BCD



C46299



788B35



00966E

Sweetspot

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



7B7BCD



E0E0FF



7BCDCD



6E6E80



000000



808080

Same Dimension

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



7B7BCD



8585FF



A47BCD



5C5C66



0000A6



000026

Inverse Universe

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



CD7BCD



FF85FF



A4CD7B



665C66



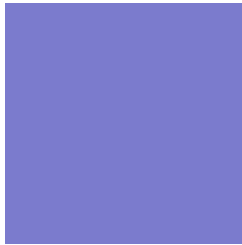
A600A6



260026

Previews

White Background



This preview shows how the Hex color 7B7BCD looks on a white background.

Color Contrast Check

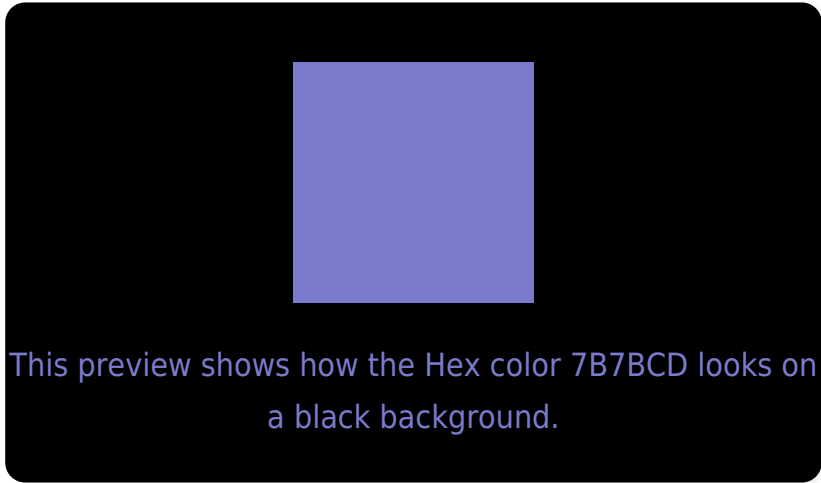
Large Text (above 18pt) WCAG AA ✓ Pass

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

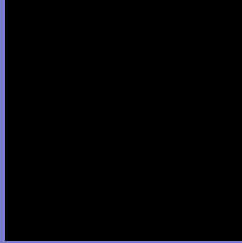
Any Text WCAG AA ✓ Pass

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 7B7BCD Background



This preview shows how black text looks on a background with the Hex color 7B7BCD.



This preview shows how white text looks on a background with the Hex color 7B7BCD.

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](#).

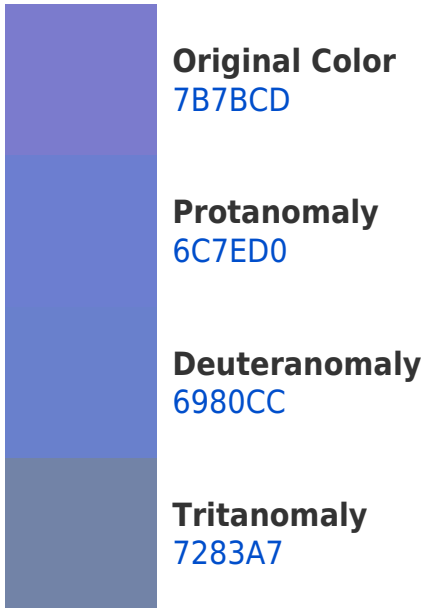
Dichromacy



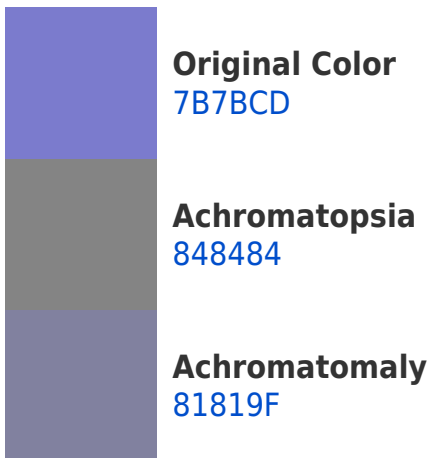


Tritanopia
6D8892

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7B7BCD 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 #7B7BCD looks like.

```
.text, #text, p{  
    color:#7B7BCD  
}
```

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 #7B7BCD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B7BCD
}
```

Border

The CSS property to change the border of an element to Hex 7B7BCD is called "border". The border property can be set on classes, ids or directly on the HTML element.

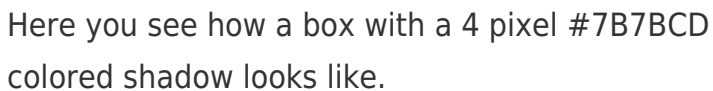
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B7BCD }
```

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

```
.border{ border-color:#7B7BCD }
```

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



Here you see how a box with a 4 pixel #7B7BCD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B7BCD; -webkit-box-shadow:4px 4px  
4px 4px #7B7BCD; box-shadow:4px 4px 4px  
4px #7B7BCD }
```

Background

The CSS property to change the background color of an element to Hex 7B7BCD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B7BCD }
```

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

```
.background{ background-color:#7B7BCD }
```

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