

Converting Colors

Hex(7B7CCC)

Have a look what the booklet for
Hex(7B7CCC) contains.

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Color

Hex(7B7CCC)

Conversions

Conversions Part 1

Format	Color
Hex	7B7CCC
RGB	123, 124, 204
RGB Percent	48%, 49%, 80%
CMY	0.5176, 0.5137, 0.2000
CMYK	0.40, 0.39, 0.00, 0.20
HSL	239°, 44%, 64%
HSV	239°, 40%, 80%
XYZ	26.2751, 22.9859, 60.1786
YIQ	132.8210, -26.2760, 24.6680

Conversions

Conversions Part 2

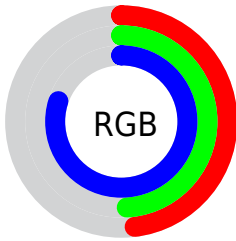
Format	Color
R _Y B	123, 124, 204
Decimal	8092876
CIE Lab	55.06, 19.43, -41.62
CIE LCh	55, 45.931, 295.029
Yxy	22.9859, 0.2401, 0.2100
Android (android.graphics.Color)	4286282956 (0xFF7B7CCC)
YUV	132.8210, 35.0912, -8.6130
Hunter-Lab	47.9436, 13.9242, -40.8600

Details

The Hex color **7B7CCC** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **CCCB7B**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **B2B0FF**, and **454B95** is the 20% darker color. If you saturate the color by 10%, you get **6768CC**, and if you desaturate by 10%, it is **8F90CC**.

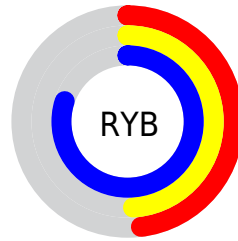
Distribution



Red (48%)

Green (49%)

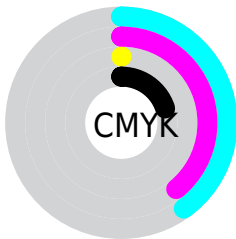
Blue (80%)



Red (48%)

Yellow (49%)

Blue (80%)

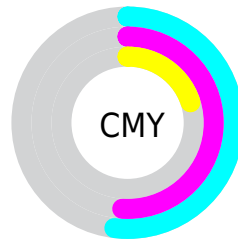


Cyan (40%)

Magenta (39%)

Yellow (0%)

Black (20%)



Cyan (52%)

Magenta (51%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B7CCC 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 7B7CCC by changing the saturation by 10% instead.

■ 7B7CCC

■ 7B7CCC

FFFFFF

■ 6063B0

■ B2B0FF

■ 454B95

■ CFCCFF

■ 29357B

■ ECE8FF

■ 032062

■ 000B49

■ 000432

■ 00021C

■ 000000

■ 7B7CCC

■ 7B7CCC

6768CC

8F90CC

5254CC

A4A4CC

3E40CC

B8B8CC

292BCC

CDCDCC

1517CC

E1E1CC

0103CC

F5F5CC

0003CC

FFFFCC

Harmonies

Analogous

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



0D8AD3



7B7CCC



AE6CB2

Triad

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



7B7CCC



BD7043



00977C

Complementary

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



7B7CCC



CCCB7B

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.



489354



7B7CCC



A07F31

Square

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



7B7CCC



CD6464



798C38



0097A4

Rectangle

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



7B7CCC



C36499



798C38



00966E

Sweetspot

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



7B7CCC



E0E1FF



7BCCCB



6E6E80



000000



808080

Same Dimension

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



7B7CCC



8586FF



A27BCC



5C5C66



0002A6



000026

Inverse Universe

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



CC7B7C



FF8586



A5CC7B



665C5C



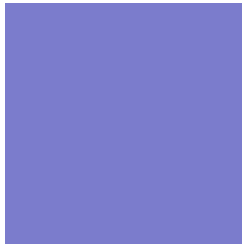
A60002



260000

Previews

White Background



This preview shows how the Hex color 7B7CCC looks on a white background.

Color Contrast Check

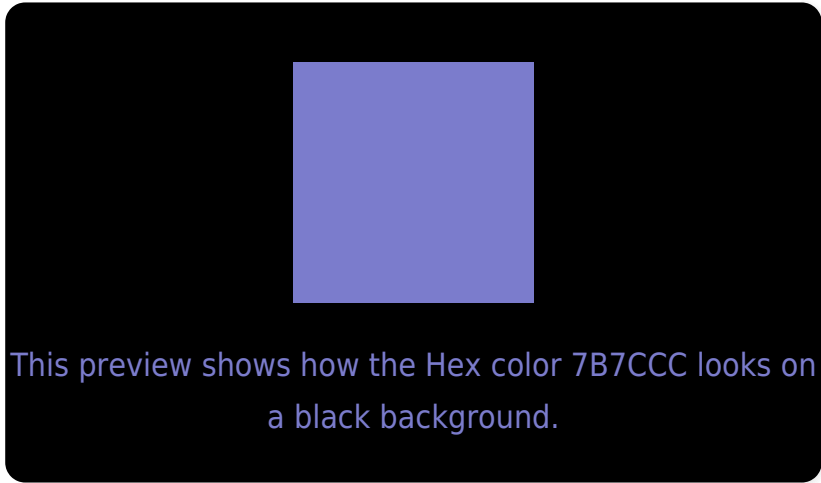
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B7CCC Background



This preview shows how black text looks on a background with the Hex color 7B7CCC.

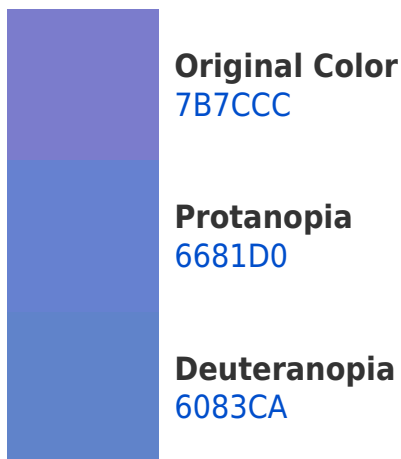



This preview shows how white text looks on a background with the Hex color 7B7CCC.

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](#).

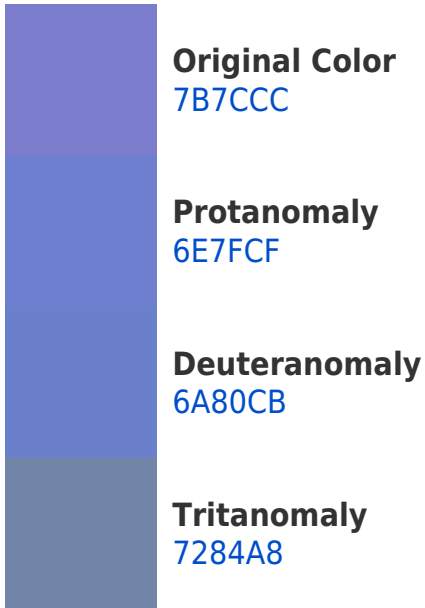
Dichromacy



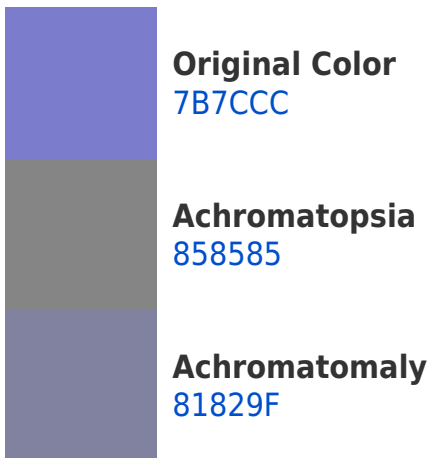


Tritanopia
6D8893

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7B7CCC 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 #7B7CCC looks like.

```
.text, #text, p{  
    color:#7B7CCC  
}
```

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 #7B7CCC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B7CCC
}
```

Border

The CSS property to change the border of an element to Hex 7B7CCC 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
#7B7CCC }
```

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

```
.border{ border-color:#7B7CCC }
```

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

Here you see how a box with a 4 pixel #7B7CCC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B7CCC; -webkit-box-shadow:4px 4px  
4px 4px #7B7CCC; box-shadow:4px 4px 4px  
4px #7B7CCC }
```

Background

The CSS property to change the background color of an element to Hex 7B7CCC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B7CCC }
```

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

```
.background{ background-color:#7B7CCC }
```

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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