

Converting Colors

Hex(7C85DD)

Have a look what the booklet for
Hex(7C85DD) contains.

Hex(7C85DD)	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(7C85DD)

Conversions

Conversions Part 1

Format	Color
Hex	7C85DD
RGB	124, 133, 221
RGB Percent	49%, 52%, 87%
CMY	0.5137, 0.4784, 0.1333
CMYK	0.44, 0.40, 0.00, 0.13
HSL	234°, 59%, 68%
HSV	234°, 44%, 87%
XYZ	29.7509, 26.2806, 71.9112
YIQ	140.3410, -33.6120, 25.4600

Conversions

Conversions Part 2

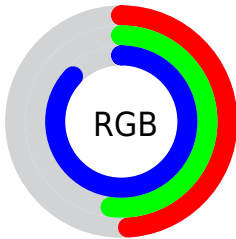
Format	Color
RYB	124, 132, 221
Decimal	8160733
CIELab	58.30, 19.22, -46.06
CIELCh	58, 49.912, 292.647
Yxy	26.2806, 0.2325, 0.2054
Android (android.graphics.Color)	4286350813 (0xFF7C85DD)
YUV	140.3410, 39.7649, -14.3311
Hunter-Lab	51.2646, 13.8775, -47.2836

Details

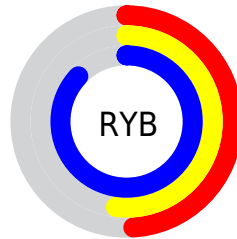
The Hex color **7C85DD** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **DDD47C**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **B4BAFF**, and **4454A5** is the 20% darker color. If you saturate the color by 10%, you get **6671DD**, and if you desaturate by 10%, it is **9299DD**.

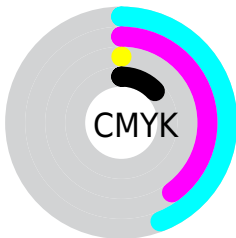
Distribution



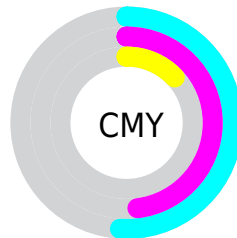
- Red (49%)
- Green (52%)
- Blue (87%)



- Red (49%)
- Yellow (52%)
- Blue (87%)



- Cyan (44%)
- Magenta (40%)
- Yellow (0%)
- Black (13%)



- Cyan (51%)
- Magenta (48%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C85DD 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 7C85DD by changing the saturation by 10% instead.

7C85DD

7C85DD

FFFFFF

606CC1

B4BAFF

4454A5

D1D6FF

253D8B

EFF2FF

002771

001458

000040

000329

000113

000000

 7C85DD

 7C85DD

 6671DD

 9299DD

 505DDD

 A8ADDD

 3A49DD

 BEC1DD

 2435DD

 D4D5DD

 0E21DD

 EBE9DD

 0015DD

 FFFDDD

 FFFFDD

Harmonies

Analogous

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



0094E3



7C85DD



B773C2

Triad

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



7C85DD



CD7548



00A180

Complementary

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



7C85DD



DDD47C

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.



4E9D55



7C85DD



AE8631

Square

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



7C85DD



DD686D



849436



00A2AC

Rectangle

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



7C85DD



CF69A7



849436



00A071

Sweetspot

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



7C85DD



DEE1FF



7CDDD3



6B6D80



000000



808080

Same Dimension

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



7C85DD



7884FF



A37CDD



63646E



0010AD



00042E

Inverse Universe

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



DD7C85



FF7884



B6DD7C



6E6364



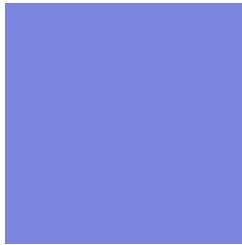
AD0010



2E0004

Previews

White Background



This preview shows how the Hex color 7C85DD looks on a white background.

Color Contrast Check

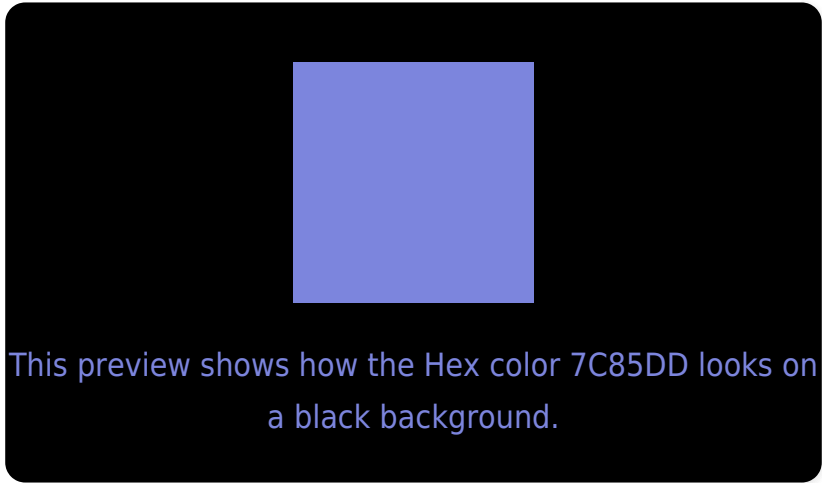
Large Text (above 18pt) WCAG AA ✓ Pass

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 7C85DD Background



This preview shows how black text looks on a background with the Hex color 7C85DD.



This preview shows how white text looks on a background with the Hex color 7C85DD.

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](#).

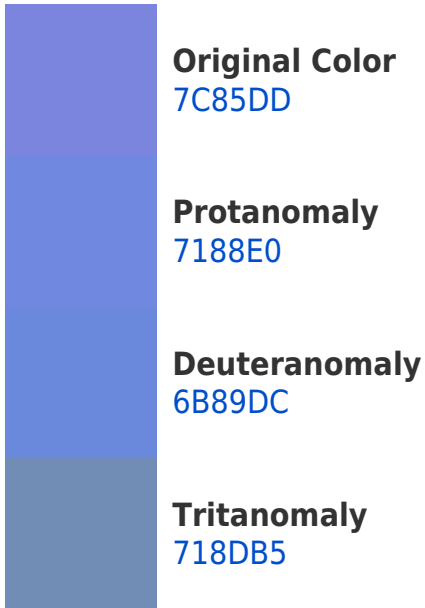
Dichromacy



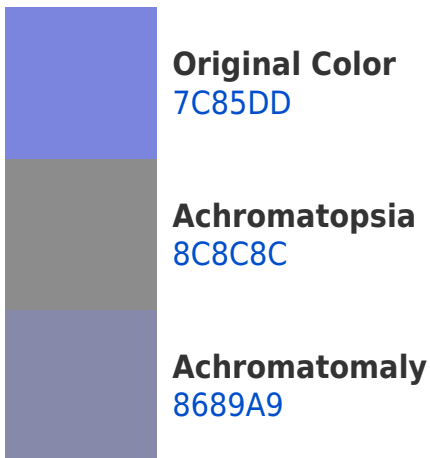


Tritanopia
6B929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7C85DD 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 #7C85DD looks like.

```
.text, #text, p{  
    color:#7C85DD  
}
```

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 #7C85DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C85DD
}
```

Border

The CSS property to change the border of an element to Hex 7C85DD 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
#7C85DD }
```

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

```
.border{ border-color:#7C85DD }
```

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

Here you see how a box with a 4 pixel #7C85DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C85DD; -webkit-box-shadow:4px 4px  
4px 4px #7C85DD; box-shadow:4px 4px 4px  
4px #7C85DD }
```

Background

The CSS property to change the background color of an element to Hex 7C85DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C85DD }
```

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

```
.background{ background-color:#7C85DD }
```

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