

Converting Colors

Hex(7C8BDD)

Have a look what the booklet for
Hex(7C8BDD) contains.

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Color

Hex(7C8BDD)

Conversions

Conversions Part 1

Format	Color
Hex	7C8BDD
RGB	124, 139, 221
RGB Percent	49%, 55%, 87%
CMY	0.5137, 0.4549, 0.1333
CMYK	0.44, 0.37, 0.00, 0.13
HSL	231°, 59%, 68%
HSV	231°, 44%, 87%
XYZ	30.5959, 27.9708, 72.1929
YIQ	143.8630, -35.2620, 22.3220

Conversions

Conversions Part 2

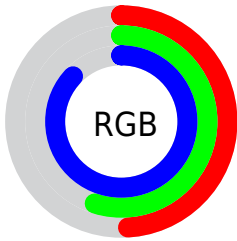
Format	Color
RYB	124, 137, 221
Decimal	8162269
CIELab	59.86, 15.68, -43.60
CIELCh	60, 46.334, 289.779
Yxy	27.9708, 0.2340, 0.2139
Android (android.graphics.Color)	4286352349 (0xFF7C8BDD)
YUV	143.8630, 38.0285, -17.4199
Hunter-Lab	52.8874, 10.7112, -43.9115

Details

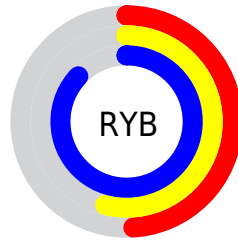
The Hex color **7C8BDD** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **DDCE7C**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **B4C0FF**, and **4459A5** is the 20% darker color. If you saturate the color by 10%, you get **6678DD**, and if you desaturate by 10%, it is **929EDD**.

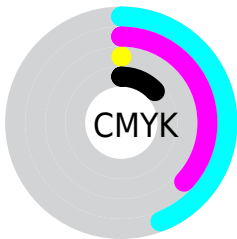
Distribution



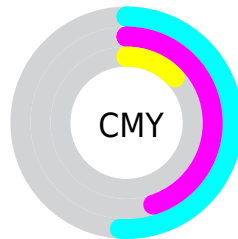
- Red (49%)
- Green (55%)
- Blue (87%)



- Red (49%)
- Yellow (54%)
- Blue (87%)



- Cyan (44%)
- Magenta (37%)
- Yellow (0%)
- Black (13%)



- Cyan (51%)
- Magenta (45%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C8BDD 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 7C8BDD by changing the saturation by 10% instead.

■ 7C8BDD

■ 7C8BDD

FFFFFF

■ 6072C1

■ B4C0FF

■ 4459A5

■ D1DCFF

■ 26428B

■ EEF9FF

■ 002C71

■ 001958

■ 000040

■ 000329

■ 000113

■ 000000

 7C8BDD

 7C8BDD

 6678DD

 929EDD

 5066DD

 A8B0DD

 3A53DD

 BEC3DD

 2440DD

 D4D6DD

 0E2EDD

 EBE8DD

 0022DD

 FFFBDD

 FFFFDD

Harmonies

Analogous

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



0099E0



7C8BDD



B57BC5

Triad

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



7C8BDD



D07A53



00A480

Complementary

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



7C8BDD



DDCE7C

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.



5E9F5A



7C8BDD



B4893E

Square

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



7C8BDD



DD6F77



8E9640



00A5AB

Rectangle

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



7C8BDD



CD72AD



8E9640



2FA373

Sweetspot

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



7C8BDD



DEE3FF



7CDDCD



6B6E80



000000



808080

Same Dimension

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



7C8BDD



788DFF



9C7CDD



63646E



001BAD



00072E

Inverse Universe

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



DD7C8B



FF788D



BDDD7C



6E6364



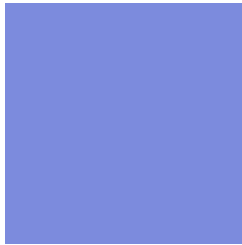
AD001B



2E0007

Previews

White Background



This preview shows how the Hex color 7C8BDD looks on a white background.

Color Contrast Check

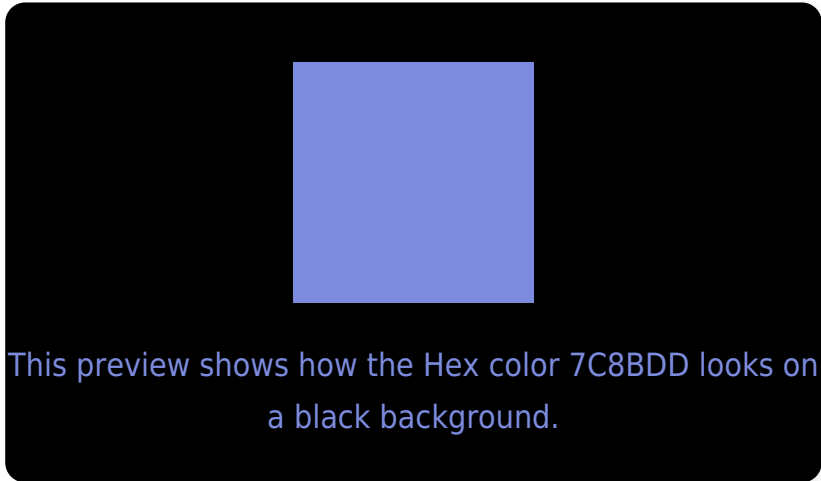
Large Text (above 18pt) WCAG AA ✓ Pass

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

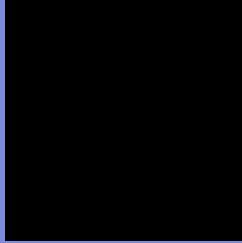
Any Text WCAG AA ✓ Pass

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 7C8BDD Background



This preview shows how black text looks on a background with the Hex color 7C8BDD.



This preview shows how white text looks on a background with the Hex color 7C8BDD.

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](#).

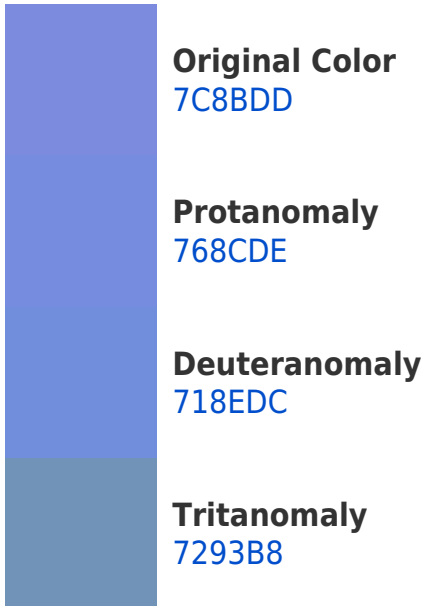
Dichromacy



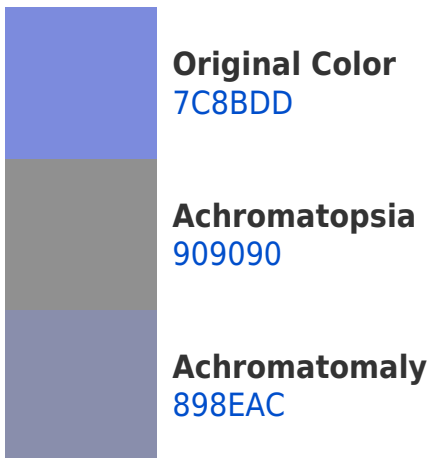


Tritanopia
6C97A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7C8BDD 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 #7C8BDD looks like.

```
.text, #text, p{  
    color:#7C8BDD  
}
```

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 #7C8BDD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C8BDD
}
```

Border

The CSS property to change the border of an element to Hex 7C8BDD 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
#7C8BDD }
```

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

```
.border{ border-color:#7C8BDD }
```

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

Here you see how a box with a 4 pixel #7C8BDD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C8BDD; -webkit-box-shadow:4px 4px  
4px 4px #7C8BDD; box-shadow:4px 4px 4px  
4px #7C8BDD }
```

Background

The CSS property to change the background color of an element to Hex 7C8BDD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C8BDD }
```

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

```
.background{ background-color:#7C8BDD }
```

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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