

Converting Colors

Hex(7D89CB)

Have a look what the booklet for
Hex(7D89CB) contains.

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Color

Hex(7D89CB)

Conversions

Conversions Part 1

Format	Color
Hex	7D89CB
RGB	125, 137, 203
RGB Percent	49%, 54%, 80%
CMY	0.5098, 0.4627, 0.2039
CMYK	0.38, 0.33, 0.00, 0.20
HSL	231°, 43%, 64%
HSV	231°, 38%, 80%
XYZ	28.1826, 26.5631, 60.1417
YIQ	140.9360, -28.3380, 17.9820

Conversions

Conversions Part 2

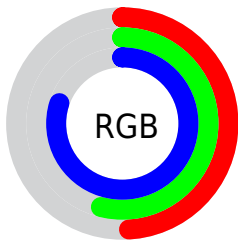
Format	Color
R _Y B	125, 135, 203
Decimal	8227275
CIE Lab	58.57, 12.00, -35.53
CIE LCh	59, 37.505, 288.663
Yxy	26.5631, 0.2453, 0.2312
Android (android.graphics.Color)	4286417355 (0xFF7D89CB)
YUV	140.9360, 30.5976, -13.9759
Hunter-Lab	51.5394, 7.4128, -33.1084

Details

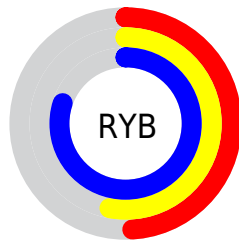
The Hex color **7D89CB** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CBBF7D**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **B4BEFF**, and **485795** is the 20% darker color. If you saturate the color by 10%, you get **6978CB**, and if you desaturate by 10%, it is **919ACB**.

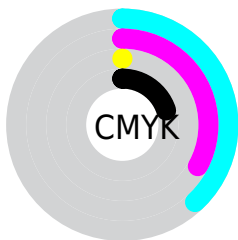
Distribution



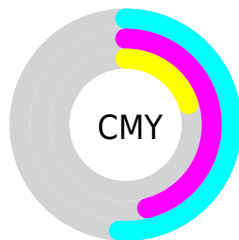
- Red (49%)
- Green (54%)
- Blue (80%)



- Red (49%)
- Yellow (53%)
- Blue (80%)



- Cyan (38%)
- Magenta (33%)
- Yellow (0%)
- Black (20%)



- Cyan (51%)
- Magenta (46%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D89CB 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 7D89CB by changing the saturation by 10% instead.

 7D89CB

 7D89CB

FFFFFF

 6270AF

 B4BEFF

 485795

 D0DAFF

 2D407A

 EDF6FF

 0C2B61

 001749

 000032

 00021C

 000000

 7D89CB

 7D89CB

6978CB

919ACB

5467CB

A6ABCB

4055CB

BABDCB

2C44CB

CECECB

1833CB

E3DFCB

0322CB

F7F0CB

001FCB

FFFFCB

Harmonies

Analogous

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



3E94CD



7D89CB



AA7DB9

Triad

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



7D89CB



C37B5D



389D7F

Complementary

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



7D89CB



CBBF7D

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.



689960



7D89CB



AC874C

Square

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



7D89CB



CC737A



8D914D



009EA1

Rectangle

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



7D89CB



BD76A5



8D914D



4A9C74

Sweetspot

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



7D89CB



E0E5FF



7DCBBE



6E7080



000000



808080

Same Dimension

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



7D89CB



8A9CFF



977DCB



5C5D66



0019A6



000626

Inverse Universe

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



CB7D89



FF8A9C



B1CB7D



665C5D



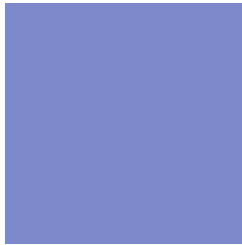
A6001A



260006

Previews

White Background



This preview shows how the Hex color 7D89CB looks on a white background.

Color Contrast Check

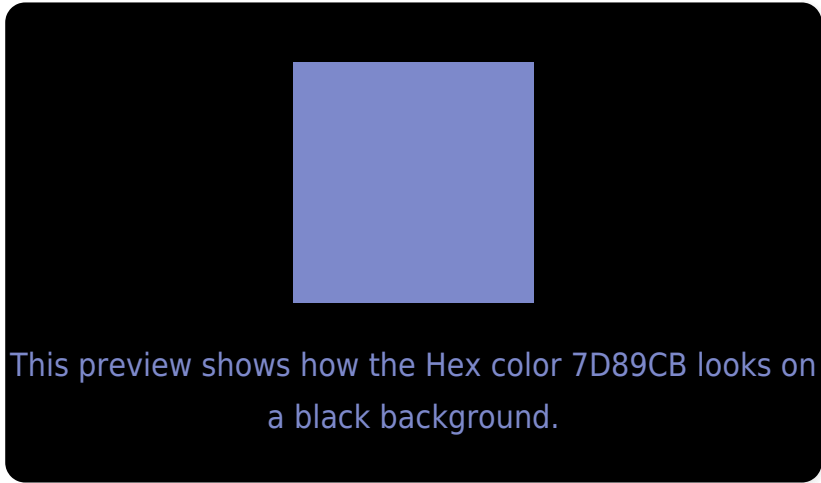
Large Text (above 18pt) WCAG AA ✓ Pass

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 7D89CB Background



This preview shows how black text looks on a background with the Hex color 7D89CB.



This preview shows how white text looks on a background with the Hex color 7D89CB.

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



Original Color
7D89CB

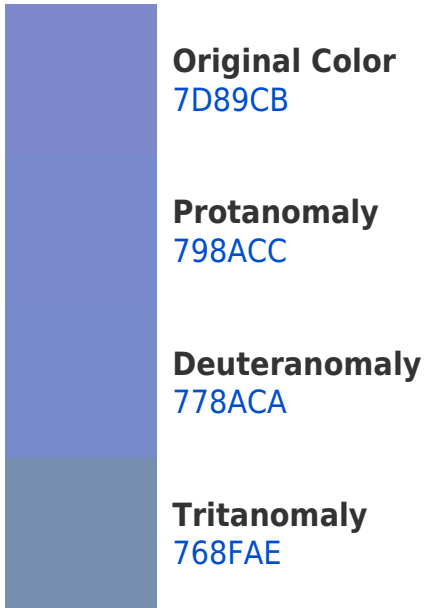
Protanopia
778ACC

Deuteranopia
748BCA

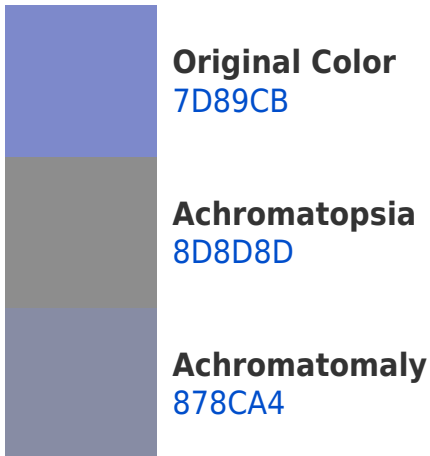


Tritanopia
72929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7D89CB 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 #7D89CB looks like.

```
.text, #text, p{  
    color:#7D89CB  
}
```

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 #7D89CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D89CB
}
```

Border

The CSS property to change the border of an element to Hex 7D89CB 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
#7D89CB }
```

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

```
.border{ border-color:#7D89CB }
```

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

Here you see how a box with a 4 pixel #7D89CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D89CB; -webkit-box-shadow:4px 4px  
4px 4px #7D89CB; box-shadow:4px 4px 4px  
4px #7D89CB }
```

Background

The CSS property to change the background color of an element to Hex 7D89CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D89CB }
```

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

```
.background{ background-color:#7D89CB }
```

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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