

Converting Colors

Hex(7A89CD)

Have a look what the booklet for
Hex(7A89CD) contains.

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Color

Hex(7A89CD)

Conversions

Conversions Part 1

Format	Color
Hex	7A89CD
RGB	122, 137, 205
RGB Percent	48%, 54%, 80%
CMY	0.5216, 0.4627, 0.1961
CMYK	0.40, 0.33, 0.00, 0.20
HSL	229°, 45%, 64%
HSV	229°, 40%, 80%
XYZ	27.9911, 26.4367, 61.3851
YIQ	140.2670, -30.7680, 17.9680

Conversions

Conversions Part 2

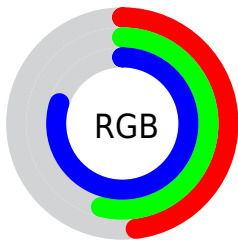
Format	Color
R_{YB}	122, 135, 205
Decimal	8030669
CIE _{Lab}	58.45, 11.76, -36.86
CIE _{LCh}	58, 38.689, 287.689
Yxy	26.4367, 0.2417, 0.2283
Android (android.graphics.Color)	4286220749 (0xFF7A89CD)
YUV	140.2670, 31.9134, -16.0202
Hunter-Lab	51.4166, 7.1961, -34.7933

Details

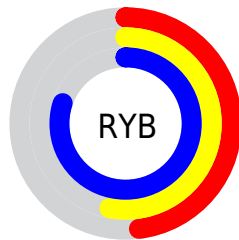
The Hex color **7A89CD** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CDBE7A**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **B1BEFF**, and **445796** is the 20% darker color. If you saturate the color by 10%, you get **6678CD**, and if you desaturate by 10%, it is **8F9ACD**.

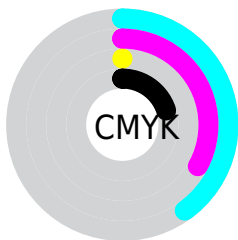
Distribution



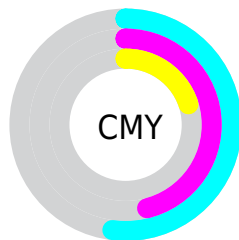
- Red (48%)
- Green (54%)
- Blue (80%)



- Red (48%)
- Yellow (53%)
- Blue (80%)



- Cyan (40%)
- Magenta (33%)
- Yellow (0%)
- Black (20%)



- Cyan (52%)
- Magenta (46%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A89CD 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 7A89CD by changing the saturation by 10% instead.

 7A89CD

 7A89CD

FFFFFF

 5F70B1

 B1BEFF

 445796

 CEDAFF

 28407C

 EBF6FF

 022B63

 00174B

 000034

 00021E

 000000

 7A89CD

 7A89CD

6678CD

8F9ACD

5167CD

A3ABCD

3D57CD

B8BBCD

2846CD

CCCCCD

1435CD

E1DDCD

0025CD

F5EECD

FFFFCD

Harmonies

Analogous

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



3594CE



7A89CD



A97CBA

Triad

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



7A89CD



C57A5C



359D7D

Complementary

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



7A89CD



CDBE7A

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.



67995E



7A89CD



AE864A

Square

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



7A89CD



CE727A



8E914A



009EAO

Rectangle

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



7A89CD



BE75A7



8E914A



489C72

Sweetspot

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



7A89CD



E0E6FF



7ACDBE



6E7180



000000



808080

Same Dimension

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



7A89CD



8299FF



947ACD



5C5E66



001EA6



000726

Inverse Universe

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



CD7A89



FF8299



B3CD7A



665C5E



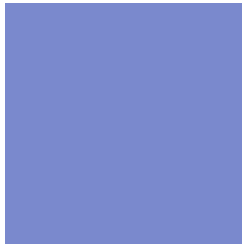
A6001E



260007

Previews

White Background



This preview shows how the Hex color 7A89CD looks on a white background.

Color Contrast Check

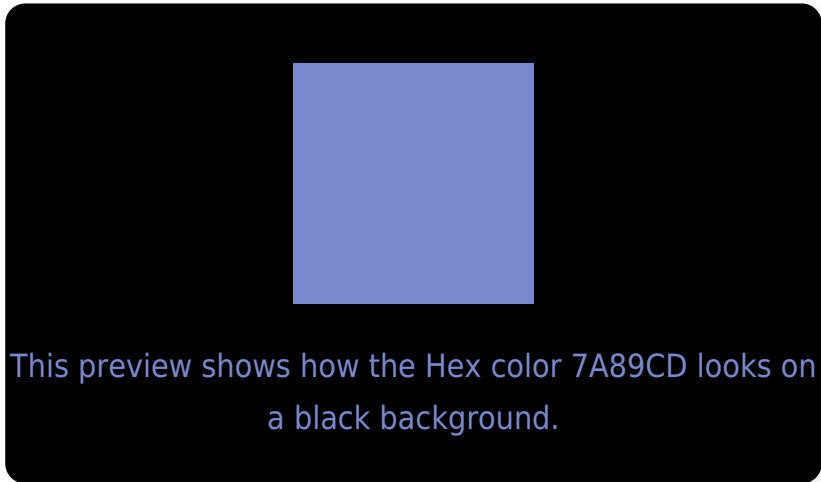
Large Text (above 18pt) WCAG AA ✓ Pass

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

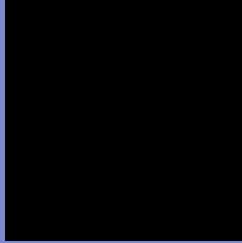
Any Text WCAG AA ✓ Pass

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 7A89CD Background



This preview shows how black text looks on a background with the Hex color 7A89CD.



This preview shows how white text looks on a background with the Hex color 7A89CD.

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
7A89CD

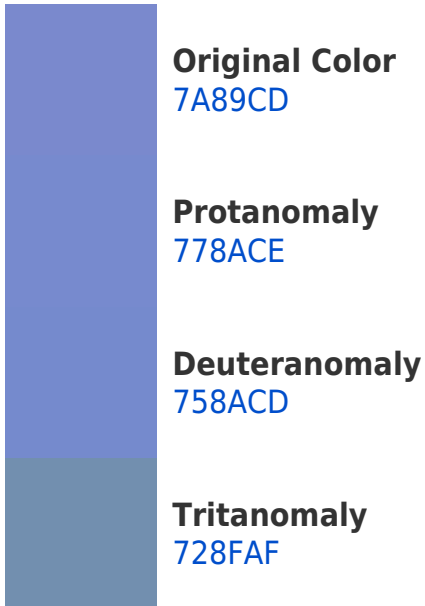
Protanopia
768ACE

Deuteranopia
728BCD

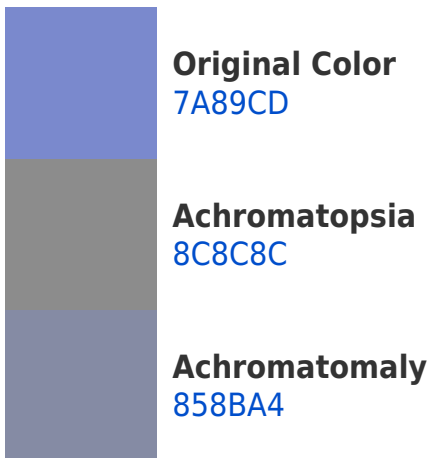


Tritanopia
6E929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7A89CD 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 #7A89CD looks like.

```
.text, #text, p{  
    color:#7A89CD  
}
```

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 #7A89CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A89CD
}
```

Border

The CSS property to change the border of an element to Hex 7A89CD 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
#7A89CD }
```

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

```
.border{ border-color:#7A89CD }
```

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

Here you see how a box with a 4 pixel #7A89CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A89CD; -webkit-box-shadow:4px 4px  
4px 4px #7A89CD; box-shadow:4px 4px 4px  
4px #7A89CD }
```

Background

The CSS property to change the background color of an element to Hex 7A89CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A89CD }
```

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

```
.background{ background-color:#7A89CD }
```

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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