

# Converting Colors

Hex(7D8CCA)

Have a look what the booklet for  
Hex(7D8CCA) contains.

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# **Color**

**Hex(7D8CCA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7D8CCA
RGB	125, 140, 202
RGB Percent	49%, 55%, 79%
CMY	0.5098, 0.4510, 0.2078
CMYK	0.38, 0.31, 0.00, 0.21
HSL	228°, 42%, 64%
HSV	228°, 38%, 79%
XYZ	28.4962, 27.3804, 59.6602
YIQ	142.5830, -28.8420, 16.1020

# Conversions

## Conversions Part 2

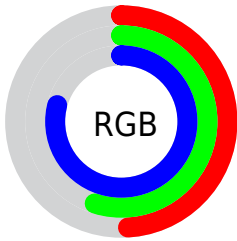
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 138, 202
Decimal	8228042
CIE <sub>Lab</sub>	59.32, 9.97, -33.79
CIE <sub>LCh</sub>	59, 35.228, 286.441
Yxy	27.3804, 0.2466, 0.2370
Android (android.graphics.Color)	4286418122 (0xFF7D8CCA)
YUV	142.5830, 29.2926, -15.4203
Hunter-Lab	52.3263, 5.6377, -30.9715

# Details

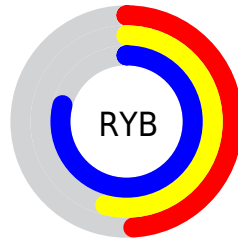
The Hex color **7D8CCA** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CABB7D**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **B4C1FF**, and **485A94** is the 20% darker color. If you saturate the color by 10%, you get **697CCA**, and if you desaturate by 10%, it is **919CCA**.

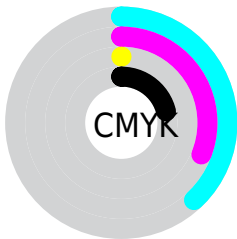
# Distribution



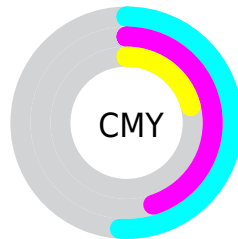
- Red (49%)
- Green (55%)
- Blue (79%)



- Red (49%)
- Yellow (54%)
- Blue (79%)



- Cyan (38%)
- Magenta (31%)
- Yellow (0%)
- Black (21%)



- Cyan (51%)
- Magenta (45%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D8CCA 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 7D8CCA by changing the saturation by 10% instead.



 7D8CCA

 7D8CCA

FFFFFF

 6273AE

 B4C1FF

 485A94

 D0DDFF

 2D437A

 EDFAFF

 0D2D60

 001948

 000032

 00011C

 000000

 7D8CCA

 7D8CCA

697CCA

919CCA

556BCA

A5ADCA

405BCA

BABDCA

2C4BCA

CECDCA

183BCA

E2DDCA

042ACA

F6EECA

0027CA

FFFECA

FFFFCA

# Harmonies

## Analogous

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



4596CA



7D8CCA



A781BA

# Triad

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



7D8CCA



C47E63



469E7F

# Complementary

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



7D8CCA



CABB7D

# 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.



6F9A63



7D8CCA



AF8853

# Square

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



7D8CCA



CB777F



929252



009F9F

# Rectangle

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



7D8CCA



BB7AA8



929252



549D75



# Sweetspot

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



7D8CCA



E3E8FF



7DCABB



6F7280



000000



808080



# Same Dimension

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



7D8CCA



8AA1FF



947DCA



5C5E66



0020A6



000726



# Inverse Universe

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



CA7D8C



FF8AA1



B3CA7D



665C5E



A60020

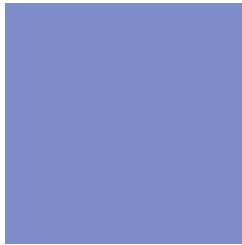


260007



# Previews

## White Background



This preview shows how the Hex color 7D8CCA looks on a white background.

## Color Contrast Check

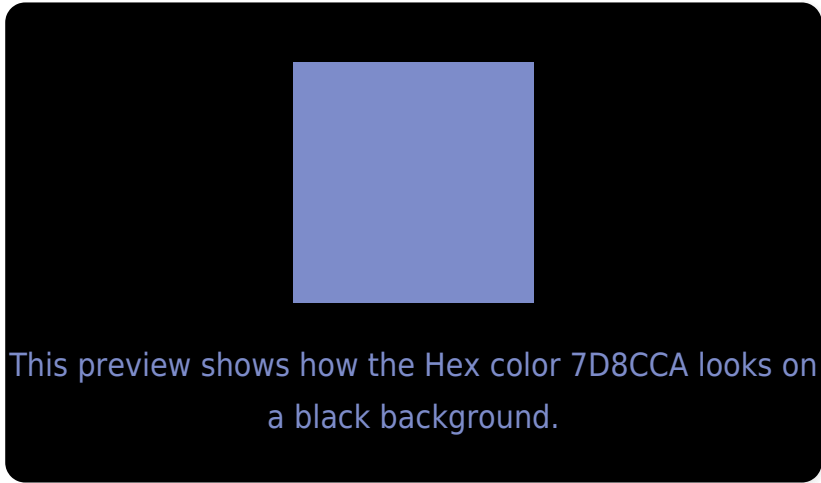
Large Text (above 18pt) WCAG AA ✓ Pass

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 7D8CCA Background



This preview shows how black text looks on a background with the Hex color 7D8CCA.



This preview shows how white text looks on a background with the Hex color 7D8CCA.

# 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**

7D8CCA

**Protanopia**

7B8CCA

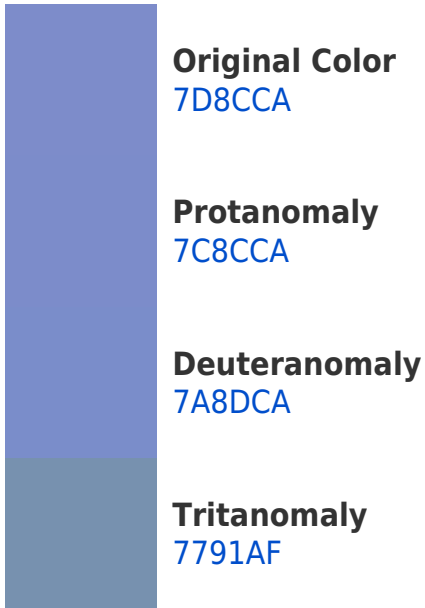
**Deuteranopia**

798DCA

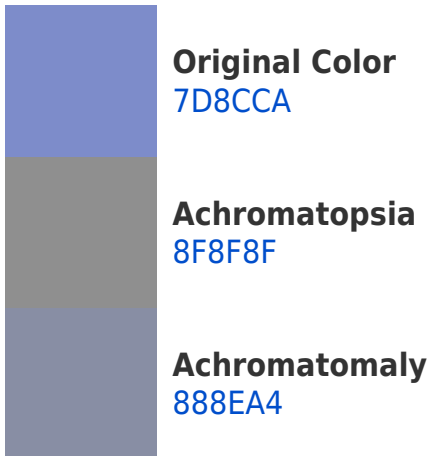


**Tritanopia**  
7394A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D8CCA 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 #7D8CCA looks like.

```
.text, #text, p{  
    color:#7D8CCA  
}
```

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 #7D8CCA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D8CCA
}
```

## Border

The CSS property to change the border of an element to Hex 7D8CCA 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
#7D8CCA }
```

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

```
.border{ border-color:#7D8CCA }
```

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

Here you see how a box with a 4 pixel #7D8CCA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D8CCA; -webkit-box-shadow:4px 4px  
4px 4px #7D8CCA; box-shadow:4px 4px 4px  
4px #7D8CCA }
```

# Background

The CSS property to change the background color of an element to Hex 7D8CCA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D8CCA }
```

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

```
.background{ background-color:#7D8CCA }
```

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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