

# Converting Colors

Hex(797DCA)

Have a look what the booklet for  
Hex(797DCA) contains.

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# Color

**Hex(797DCA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	797DCA
RGB	121, 125, 202
RGB Percent	47%, 49%, 79%
CMY	0.5255, 0.5098, 0.2078
CMYK	0.40, 0.38, 0.00, 0.21
HSL	237°, 43%, 63%
HSV	237°, 40%, 79%
XYZ	25.8794, 22.9964, 58.9519
YIQ	132.5820, -27.1010, 23.0990

# Conversions

## Conversions Part 2

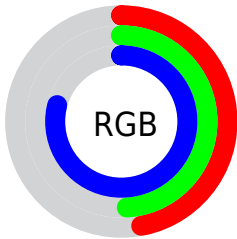
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 125, 202
Decimal	7962058
CIE <sub>Lab</sub>	55.07, 17.74, -40.48
CIE <sub>LCh</sub>	55, 44.194, 293.670
Yxy	22.9964, 0.2400, 0.2133
Android (android.graphics.Color)	4286152138 (0xFF797DCA)
YUV	132.5820, 34.2231, -10.1574
Hunter-Lab	47.9546, 12.4097, -39.3185

# Details

The Hex color **797DCA** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **CAC679**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **B0B1FF**, and **434C93** is the 20% darker color. If you saturate the color by 10%, you get **656ACA**, and if you desaturate by 10%, it is **8D90CA**.

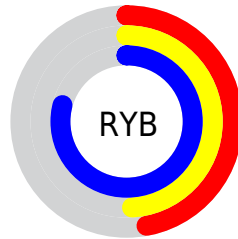
# Distribution



Red (47%)

Green (49%)

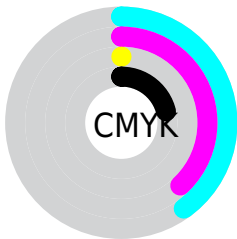
Blue (79%)



Red (47%)

Yellow (49%)

Blue (79%)

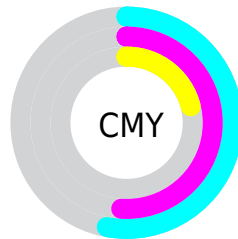


Cyan (40%)

Magenta (38%)

Yellow (0%)

Black (21%)



Cyan (53%)

Magenta (51%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 797DCA 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 797DCA by changing the saturation by 10% instead.



■ 797DCA

■ 797DCA

FFFFFF

■ 5E64AE

■ B0B1FF

■ 434C93

■ CDCDFE

■ 273679

■ EAE9FF

■ 002160

■ 000C48

■ 000431

■ 00011B

■ 000000

■ 797DCA

■ 797DCA

656ACA

8D90CA

5157CA

A1A3CA

3C43CA

B6B7CA

2830CA

CACACA

141DCA

DEDDCA

000ACA

F2F0CA

FFFFCA

# Harmonies

## Analogous

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



178AD0



797DCA



AB6EB2

# Triad

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



797DCA



BD7147



00977A

# Complementary

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



797DCA



CAC679

# 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.



4D9355



797DCA



A17F35

# Square

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



797DCA



CB6567



7C8B3A



0097A1

# Rectangle

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



797DCA



C0669A



7C8B3A



18966D



# Sweetspot

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



797DCA



E0E2FF



79CAC6



6E6F80



000000



808080



# Same Dimension

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



797DCA



858BFF



9D79CA



5C5C66



0008A6



000226



# Inverse Universe

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



CA797D



FF858B



A6CA79



665C5C



A60008

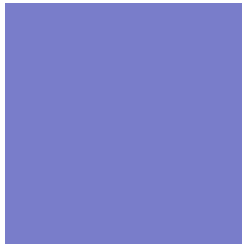


260002



# Previews

## White Background



This preview shows how the Hex color 797DCA 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



This preview shows how the Hex color 797DCA looks on a 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 797DCA Background



This preview shows how black text looks on a background with the Hex color 797DCA.



This preview shows how white text looks on a background with the Hex color 797DCA.

# 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](#).

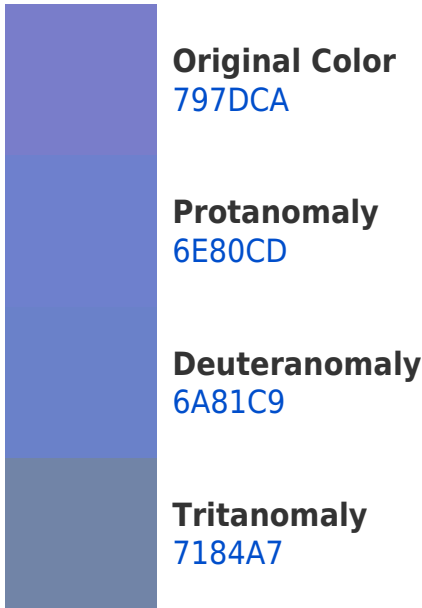
## Dichromacy



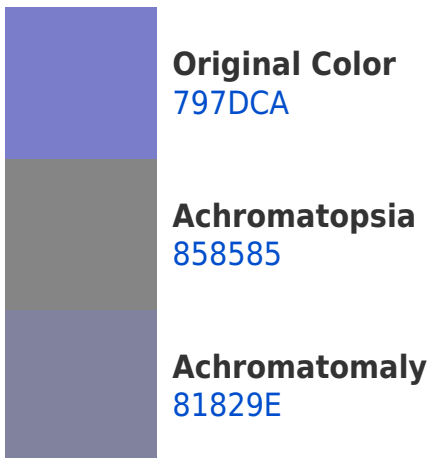


**Tritanopia**  
6C8893

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 797DCA 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 #797DCA looks like.

```
.text, #text, p{  
    color:#797DCA  
}
```

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 #797DCA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #797DCA
}
```

## Border

The CSS property to change the border of an element to Hex 797DCA 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
#797DCA }
```

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

```
.border{ border-color:#797DCA }
```

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

Here you see how a box with a 4 pixel #797DCA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #797DCA; -webkit-box-shadow:4px 4px  
4px 4px #797DCA; box-shadow:4px 4px 4px  
4px #797DCA }
```

# Background

The CSS property to change the background color of an element to Hex 797DCA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#797DCA }
```

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

```
.background{ background-color:#797DCA }
```

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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