

Converting Colors

Hex(7A6DCA)

Have a look what the booklet for
Hex(7A6DCA) contains.

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Color

Hex(7A6DCA)

Conversions

Conversions Part 1

Format	Color
Hex	7A6DCA
RGB	122, 109, 202
RGB Percent	48%, 43%, 79%
CMY	0.5216, 0.5725, 0.2078
CMYK	0.40, 0.46, 0.00, 0.21
HSL	248°, 47%, 61%
HSV	248°, 46%, 79%
XYZ	24.1553, 19.3391, 58.3368
YIQ	123.4890, -22.1050, 31.6790

Conversions

Conversions Part 2

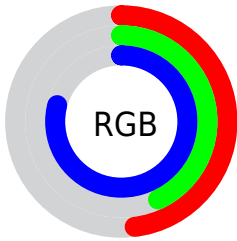
Format	Color
R_{YB}	122, 109, 202
Decimal	8023498
CIE _{Lab}	51.08, 27.56, -46.78
CIE _{LCh}	51, 54.298, 300.508
Yxy	19.3391, 0.2372, 0.1899
Android (android.graphics.Color)	4286213578 (0xFF7A6DCA)
YUV	123.4890, 38.7059, -1.3059
Hunter-Lab	43.9763, 21.0883, -47.8679

Details

The Hex color **7A6DCA** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **BDCA6D**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **B2A1FF**, and **433D93** is the 20% darker color. If you saturate the color by 10%, you get **6959CA**, and if you desaturate by 10%, it is **8B81CA**.

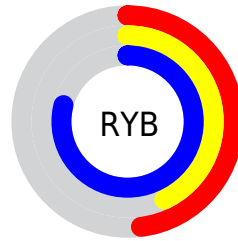
Distribution



Red (48%)

Green (43%)

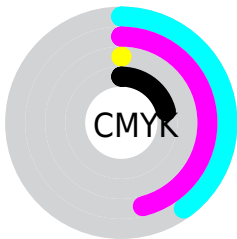
Blue (79%)



Red (48%)

Yellow (43%)

Blue (79%)

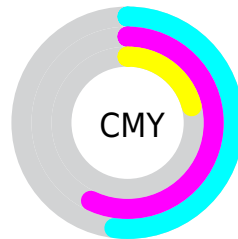


Cyan (40%)

Magenta (46%)

Yellow (0%)

Black (21%)



Cyan (52%)

Magenta (57%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A6DCA 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 7A6DCA by changing the saturation by 10% instead.

■ 7A6DCA

■ 7A6DCA

FFFFFF

■ 5F55AE

■ B2A1FF

■ 433D93

■ CEBCFF

■ 272779

■ EBD8FF

■ 001360

■ FFF4FF

■ 000048

■ 000430

■ 00011A

■ 000000

■ 7A6DCA

■ 7A6DCA

6959CA

8B81CA

5745CA

9D95CA

4630CA

AEAACA

341CCA

C0BECA

2308CA

D1D2CA

1C00CA

E2E6CA

F4FACA

FFFFCA

Harmonies

Analogous

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



007FD7



7A6DCA



B258A8

Triad

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



7A6DCA



B46627



008F79

Complementary

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



7A6DCA



BDCA6D

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.



0C8C4A



7A6DCA



90780D

Square

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



7A6DCA



CA534D



628521



008FA8

Rectangle

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



7A6DCA



C64E8A



628521



008F69

Sweetspot

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



7A6DCA



E0DBFF



6DBECA



6D6A80



000000



808080

Same Dimension

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



7A6DCA



8673FF



A86DCA



5D5C66



1700A6



050026

Inverse Universe

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



CA6DBD



FF73EB



8FCA6D



665C65



A6008F



260021

Previews

White Background



This preview shows how the Hex color 7A6DCA 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

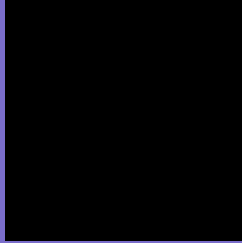
Any Text WCAG AA ✓ Pass

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 7A6DCA Background



This preview shows how black text looks on a background with the Hex color 7A6DCA.

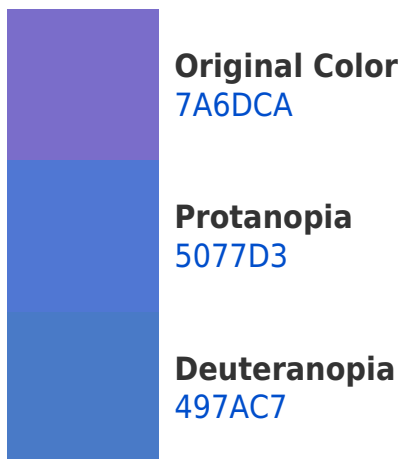


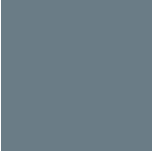
This preview shows how white text looks on a background with the Hex color 7A6DCA.

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
6A7C86

Trichromacy



Original Color

7A6DCA

Protanomaly

5F73D0

Deuteranomaly

5B75C8

Tritanomaly

70779F

Monochromacy



Original Color

7A6DCA

Achromatopsia

7B7B7B

Achromatomaly

7B7698

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A6DCA 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 #7A6DCA looks like.

```
.text, #text, p{  
    color:#7A6DCA  
}
```

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 #7A6DCA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A6DCA
}
```

Border

The CSS property to change the border of an element to Hex 7A6DCA 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
#7A6DCA }
```

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

```
.border{ border-color:#7A6DCA }
```

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

Here you see how a box with a 4 pixel #7A6DCA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A6DCA; -webkit-box-shadow:4px 4px  
4px 4px #7A6DCA; box-shadow:4px 4px 4px  
4px #7A6DCA }
```

Background

The CSS property to change the background color of an element to Hex 7A6DCA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A6DCA }
```

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

```
.background{ background-color:#7A6DCA }
```

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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