

Converting Colors

Hex(7A6CA7)

Have a look what the booklet for
Hex(7A6CA7) contains.

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Color

Hex(7A6CA7)

Conversions

Conversions Part 1

Format	Color
Hex	7A6CA7
RGB	122, 108, 167
RGB Percent	48%, 42%, 65%
CMY	0.5216, 0.5765, 0.3451
CMYK	0.27, 0.35, 0.00, 0.35
HSL	254°, 25%, 54%
HSV	254°, 35%, 65%
XYZ	20.3637, 17.6527, 38.8933
YIQ	118.9120, -10.5950, 21.3170

Conversions

Conversions Part 2

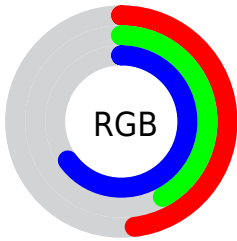
Format	Color
R_{YB}	122, 108, 167
Decimal	8023207
CIE _{Lab}	49.07, 18.70, -29.71
CIE _{LCh}	49, 35.109, 302.189
Yxy	17.6527, 0.2648, 0.2295
Android (android.graphics.Color)	4286213287 (0xFF7A6CA7)
YUV	118.9120, 23.7074, 2.7082
Hunter-Lab	42.0151, 12.9878, -25.4739

Details

The Hex color **7A6CA7** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **99A76C**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **B0A0DE**, and **473C73** is the 20% darker color. If you saturate the color by 10%, you get **6D5BA7**, and if you desaturate by 10%, it is **877DA7**.

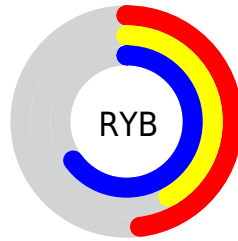
Distribution



Red (48%)

Green (42%)

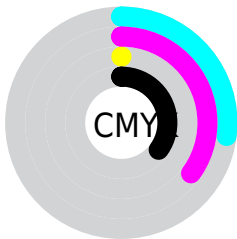
Blue (65%)



Red (48%)

Yellow (42%)

Blue (65%)

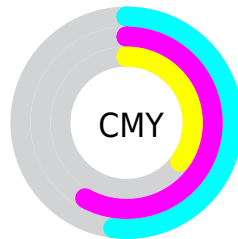


Cyan (27%)

Magenta (35%)

Yellow (0%)

Black (35%)



Cyan (52%)

Magenta (58%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A6CA7 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 7A6CA7 by changing the saturation by 10% instead.

■ 7A6CA7

■ 7A6CA7

FFFFFF

■ 60548C

■ B0A0DE

■ 473C73

■ CBBBFB

■ 2F275A

■ E8D6FF

■ 171242

■ FFF3FF

■ 00002C

■ 000116

■ 000000

■ 7A6CA7

■ 7A6CA7

■ 6D5BA7

■ 877DA7

614BA7

938DA7

543AA7

A09EA7

4729A7

ADAF A7

3A18A7

BABFA7

2E08A7

C6D0A7

2800A7

D3E1A7

E0F2A7

EDFFA7

Harmonies

Analogous

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



4777B0



7A6CA7



9B6191

Triad

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



7A6CA7



9D6940



008476

Complementary

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



7A6CA7



99A76C

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.



408258



7A6CA7



857438

Square

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



7A6CA7



AB6057



667C41



008393

Rectangle

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



7A6CA7



A85D7E



667C41



19846C

Sweetspot

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



7A6CA7



C7C1D9



6C99A7



635F6E



EDEDED



6E6E6E

Same Dimension

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



7A6CA7



937ED9



976CA7



4E4C54



230094



050014

Inverse Universe

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



A76C99



D97EC3



7CA76C



544C52



940071



140010

Previews

White Background



This preview shows how the Hex color 7A6CA7 looks on a white background.

Color Contrast Check

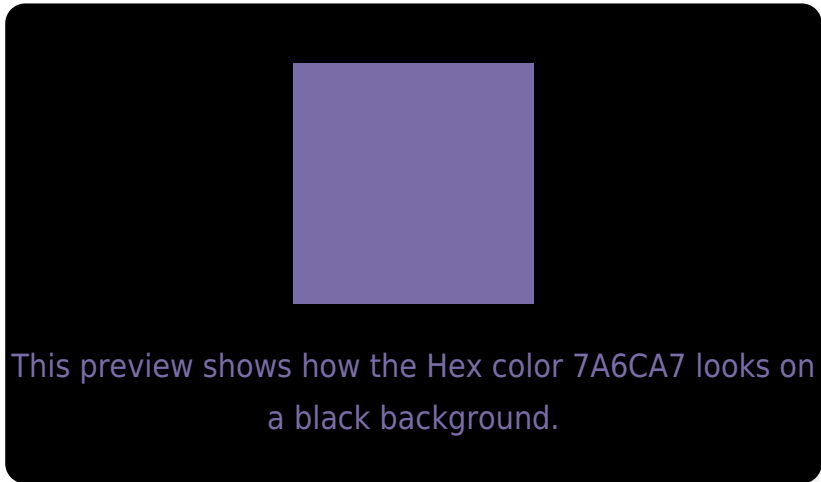
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

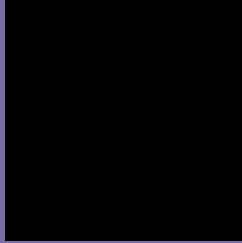
Any Text WCAG AA ✓ Pass

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 7A6CA7 Background



This preview shows how black text looks on a background with the Hex color 7A6CA7.

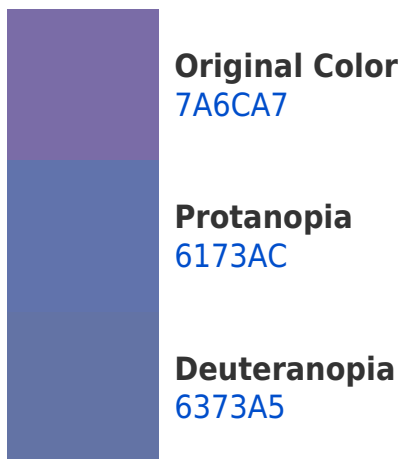


This preview shows how white text looks on a background with the Hex color 7A6CA7.

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
72747E

Trichromacy



Original Color
7A6CA7

Protanomaly
6A70AA

Deuteranomaly
6B70A6

Tritanomaly
75718D

Monochromacy



Original Color
7A6CA7

Achromatopsia
777777

Achromatomaly
787388

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A6CA7 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 #7A6CA7 looks like.

```
.text, #text, p{  
    color:#7A6CA7  
}
```

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 #7A6CA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A6CA7
}
```

Border

The CSS property to change the border of an element to Hex 7A6CA7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

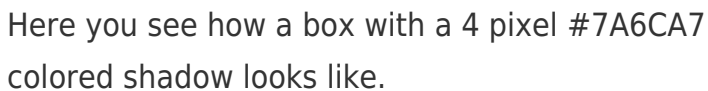
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A6CA7 }
```

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

```
.border{ border-color:#7A6CA7 }
```

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



Here you see how a box with a 4 pixel #7A6CA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A6CA7; -webkit-box-shadow:4px 4px  
4px 4px #7A6CA7; box-shadow:4px 4px 4px  
4px #7A6CA7 }
```

Background

The CSS property to change the background color of an element to Hex 7A6CA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A6CA7 }
```

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

```
.background{ background-color:#7A6CA7 }
```

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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