

Converting Colors

Hex(7C70AA)

Have a look what the booklet for
Hex(7C70AA) contains.

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Color

Hex(7C70AA)

Conversions

Conversions Part 1

Format	Color
Hex	7C70AA
RGB	124, 112, 170
RGB Percent	49%, 44%, 67%
CMY	0.5137, 0.5608, 0.3333
CMYK	0.27, 0.34, 0.00, 0.33
HSL	252°, 25%, 55%
HSV	252°, 34%, 67%
XYZ	21.3620, 18.7757, 40.5284
YIQ	122.2000, -11.4660, 20.5820

Conversions

Conversions Part 2

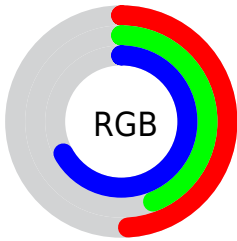
Format	Color
RYB	124, 112, 170
Decimal	8155306
CIELab	50.42, 17.69, -29.34
CIELCh	50, 34.263, 301.083
Yxy	18.7757, 0.2648, 0.2328
Android (android.graphics.Color)	4286345386 (0xFF7C70AA)
YUV	122.2000, 23.5654, 1.5786
Hunter-Lab	43.3309, 12.1709, -25.1236

Details

The Hex color **7C70AA** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9EAA70**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **B2A4E2**, and **494076** is the 20% darker color. If you saturate the color by 10%, you get **6F5FAA**, and if you desaturate by 10%, it is **8981AA**.

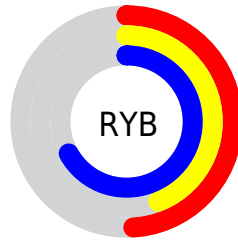
Distribution



Red (49%)

Green (44%)

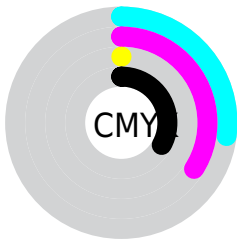
Blue (67%)



Red (49%)

Yellow (44%)

Blue (67%)

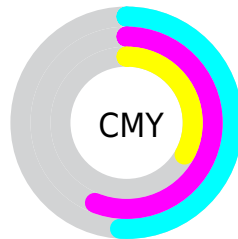


Cyan (27%)

Magenta (34%)

Yellow (0%)

Black (33%)



Cyan (51%)

Magenta (56%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C70AA 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 7C70AA by changing the saturation by 10% instead.

■ 7C70AA

■ 7C70AA

FFFFFF

■ 62588F

■ B2A4E2

■ 494076

■ CEBFFE

■ 312A5D

■ EADBFF

■ 191645

■ FFF7FF

■ 06002E

■ 000119

■ 000000

■ 7C70AA

■ 7C70AA

■ 6F5FAA

■ 8981AA

614EAA

9792AA

543DAA

A4A3AA

462CAA

B2B4AA

391BAA

BFC5AA

2B0AAA

CDD6AA

2300AA

DAE7AA

E8F8AA

F5FFAA

Harmonies

Analogous

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



4B7BB2



7C70AA



9D6695

Triad

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



7C70AA



A16C45



088778

Complementary

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



7C70AA



9EAA70

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.



47855B



7C70AA



89773D

Square

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



7C70AA



AE635B



6B7F45



008695

Rectangle

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



7C70AA



AA6182



6B7F45



26876E

Sweetspot

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



7C70AA



CCC8DE



709EAA



666370



F0F0F0



707070

Same Dimension

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



7C70AA



9683DE



9970AA



4D4C54



1F0094



040014

Inverse Universe

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



AA709E



DE83CB



81AA70



544C52



940075



140010

Previews

White Background



This preview shows how the Hex color 7C70AA looks on a white background.

Color Contrast Check

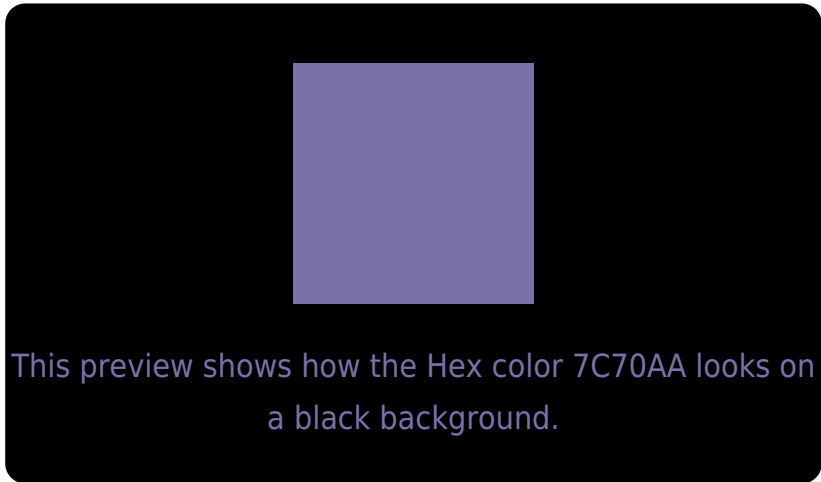
Large Text (above 18pt) WCAG AA ✓ Pass

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 7C70AA Background



This preview shows how black text looks on a background with the Hex color 7C70AA.

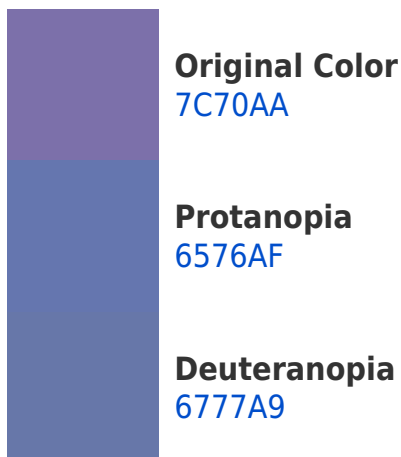


This preview shows how white text looks on a background with the Hex color 7C70AA.

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
747882

Trichromacy



Original Color
7C70AA

Protanomaly
6D74AD

Deuteranomaly
6F74A9

Tritanomaly
777591

Monochromacy



Original Color
7C70AA

Achromatopsia
7A7A7A

Achromatomaly
7B768B

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C70AA 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 #7C70AA looks like.

```
.text, #text, p{  
    color:#7C70AA  
}
```

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 #7C70AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C70AA
}
```

Border

The CSS property to change the border of an element to Hex 7C70AA 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
#7C70AA }
```

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

```
.border{ border-color:#7C70AA }
```

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

Here you see how a box with a 4 pixel #7C70AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C70AA; -webkit-box-shadow:4px 4px  
4px 4px #7C70AA; box-shadow:4px 4px 4px  
4px #7C70AA }
```

Background

The CSS property to change the background color of an element to Hex 7C70AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C70AA }
```

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

```
.background{ background-color:#7C70AA }
```

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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