

Converting Colors

Hex(7D70A6)

Have a look what the booklet for
Hex(7D70A6) contains.

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Color

Hex(7D70A6)

Conversions

Conversions Part 1

Format	Color
Hex	7D70A6
RGB	125, 112, 166
RGB Percent	49%, 44%, 65%
CMY	0.5098, 0.5608, 0.3490
CMYK	0.25, 0.33, 0.00, 0.35
HSL	254°, 23%, 55%
HSV	254°, 33%, 65%
XYZ	21.1346, 18.7015, 38.5722
YIQ	122.0430, -9.5860, 19.5500

Conversions

Conversions Part 2

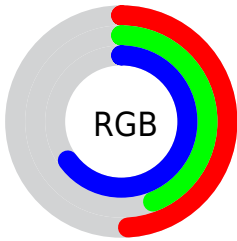
Format	Color
R_{YB}	125, 112, 166
Decimal	8220838
CIE _{Lab}	50.34, 16.98, -27.14
CIE _{LCh}	50, 32.018, 302.036
Yxy	18.7015, 0.2695, 0.2385
Android (android.graphics.Color)	4286410918 (0xFF7D70A6)
YUV	122.0430, 21.6708, 2.5933
Hunter-Lab	43.2452, 11.5564, -22.6116

Details

The Hex color **7D70A6** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **99A670**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **B3A4DD**, and **4B4072** is the 20% darker color. If you saturate the color by 10%, you get **705FA6**, and if you desaturate by 10%, it is **8A81A6**.

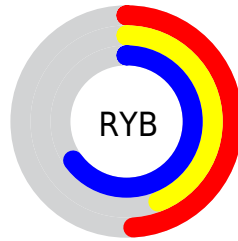
Distribution



Red (49%)

Green (44%)

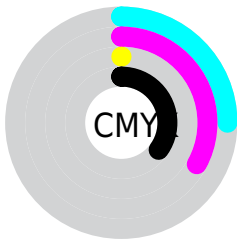
Blue (65%)



Red (49%)

Yellow (44%)

Blue (65%)

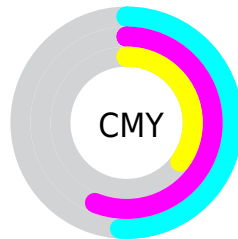


Cyan (25%)

Magenta (33%)

Yellow (0%)

Black (35%)



Cyan (51%)

Magenta (56%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D70A6 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 7D70A6 by changing the saturation by 10% instead.

■ 7D70A6

■ 7D70A6

FFFFFF

■ 63588B

■ B3A4DD

■ 4B4072

■ CEBFFA

■ 332A59

■ EBDBFF

■ 1B1541

■ FFF7FF

■ 08002B

■ 000115

■ 000000

■ 7D70A6

■ 7D70A6

■ 705FA6

■ 8A81A6

644FA6

9691A6

573EA6

A3A2A6

4B2EA6

AFB2A6

3E1DA6

BCC3A6

310CA6

C9D4A6

2800A6

D5E4A6

E2F5A6

EEFFA6

Harmonies

Analogous

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



517AAE



7D70A6



9B6792

Triad

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



7D70A6



9E6D48



1C8679

Complementary

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



7D70A6



99A670

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.



49845D



7D70A6



877740

Square

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



7D70A6



AB655C



6B7F48



008594

Rectangle

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



7D70A6



A76380



6B7F48



2E866F

Sweetspot

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



7D70A6



C8C3D9



7099A6



64606E



EDEDED



6E6E6E

Same Dimension

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



7D70A6



9984D9



9870A6



4E4C54



240094



050014

Inverse Universe

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



A67099



D984C4



7EA670



544C52



940070



14000F

Previews

White Background



This preview shows how the Hex color 7D70A6 looks on a white background.

Color Contrast Check

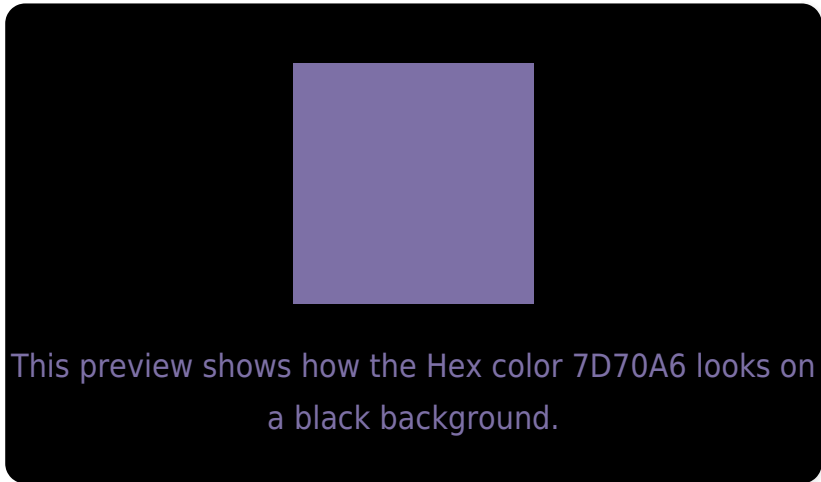
Large Text (above 18pt) WCAG AA ✓ Pass

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

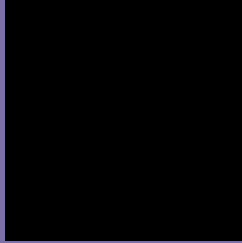
Any Text WCAG AA ✓ Pass

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 7D70A6 Background



This preview shows how black text looks on a background with the Hex color 7D70A6.

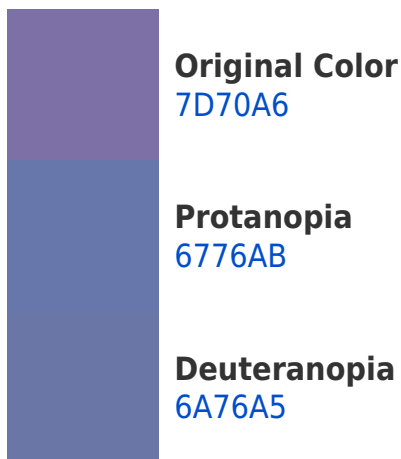



This preview shows how white text looks on a background with the Hex color 7D70A6.

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
767781

Trichromacy



Original Color
7D70A6

Protanomaly
6F74A9

Deuteranomaly
7174A5

Tritanomaly
79748E

Monochromacy



Original Color
7D70A6

Achromatopsia
7A7A7A

Achromatomaly
7B768A

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D70A6 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 #7D70A6 looks like.

```
.text, #text, p{  
    color:#7D70A6  
}
```

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 #7D70A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D70A6
}
```

Border

The CSS property to change the border of an element to Hex 7D70A6 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
#7D70A6 }
```

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

```
.border{ border-color:#7D70A6 }
```

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

Here you see how a box with a 4 pixel #7D70A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D70A6; -webkit-box-shadow:4px 4px  
4px 4px #7D70A6; box-shadow:4px 4px 4px  
4px #7D70A6 }
```

Background

The CSS property to change the background color of an element to Hex 7D70A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D70A6 }
```

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

```
.background{ background-color:#7D70A6 }
```

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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