

Converting Colors

Hex(7A70D6)

Have a look what the booklet for
Hex(7A70D6) contains.

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Color

Hex(7A70D6)

Conversions

Conversions Part 1

Format	Color
Hex	7A70D6
RGB	122, 112, 214
RGB Percent	48%, 44%, 84%
CMY	0.5216, 0.5608, 0.1608
CMYK	0.43, 0.48, 0.00, 0.16
HSL	246°, 55%, 64%
HSV	246°, 48%, 84%
XYZ	25.9578, 20.5810, 66.2227
YIQ	126.6180, -26.7820, 33.8420

Conversions

Conversions Part 2

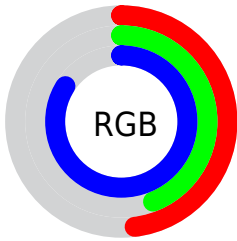
Format	Color
R _Y B	122, 112, 214
Decimal	8024278
CIE Lab	52.49, 29.19, -51.37
CIE LCh	52, 59.085, 299.610
Yxy	20.5810, 0.2302, 0.1825
Android (android.graphics.Color)	4286214358 (0xFF7A70D6)
YUV	126.6180, 43.0793, -4.0500
Hunter-Lab	45.3662, 22.7438, -54.7914

Details

The Hex color **7A70D6** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **CCD670**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **B2A4FF**, and **42409F** is the 20% darker color. If you saturate the color by 10%, you get **675BD6**, and if you desaturate by 10%, it is **8D85D6**.

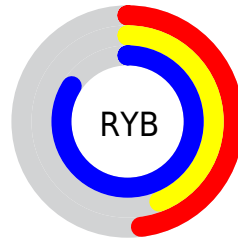
Distribution



Red (48%)

Green (44%)

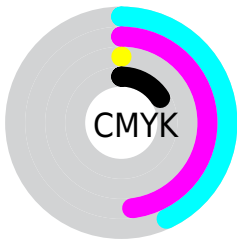
Blue (84%)



Red (48%)

Yellow (44%)

Blue (84%)

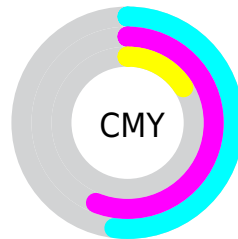


Cyan (43%)

Magenta (48%)

Yellow (0%)

Black (16%)



Cyan (52%)

Magenta (56%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A70D6 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 7A70D6 by changing the saturation by 10% instead.

■ 7A70D6

■ 7A70D6

FFFFFF

■ 5E57BA

■ B2A4FF

■ 42409F

■ CFBFFF

■ 222A84

■ EDDBFF

■ 00156A

■ FFF7FF

■ 000051

■ 000539

■ 000223

■ 00000A

■ 000000

 7A70D6

 7A70D6

 675BD6

 8D85D6

 5345D6

 A19BD6

 4030D6

 B4B0D6

 2D1AD6

 C7C6D6

 1905D6

 DBDBD6

 1500D6

 EEF0D6

 FFFFD6

Harmonies

Analogous

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



0083E3



7A70D6



B958B1

Triad

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



7A70D6



BD6722



00947B

Complementary

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



7A70D6



CCD670

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.



009147



7A70D6



967B00

Square

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



7A70D6



D4524E



648917



0094AE

Rectangle

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



7A70D6



CF4C91



648917



009469

Sweetspot

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



7A70D6



DFDBFF



70CED6



6C6A80



000000



808080

Same Dimension

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



7A70D6



7C6EFF



AB70D6



61606B



1100AB



04002B

Inverse Universe

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



D670CC



FF6EF1



9BD670



6B606A



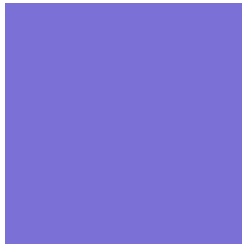
AB009A



2B0027

Previews

White Background



This preview shows how the Hex color 7A70D6 looks on a white background.

Color Contrast Check

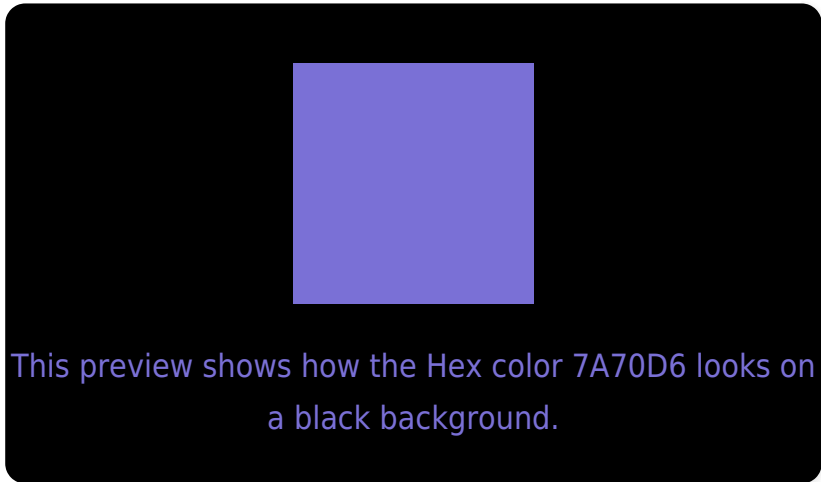
Large Text (above 18pt) WCAG AA ✓ Pass

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

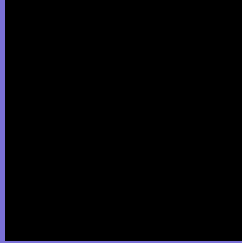
Any Text WCAG AA ✓ Pass

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 7A70D6 Background



This preview shows how black text looks on a background with the Hex color 7A70D6.

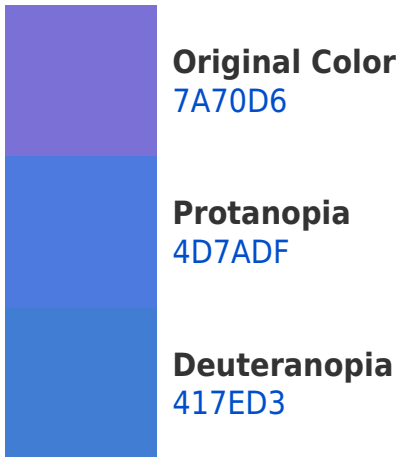


This preview shows how white text looks on a background with the Hex color 7A70D6.

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](#).

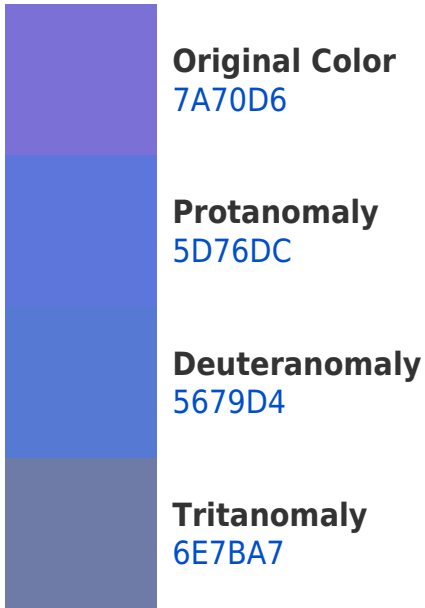
Dichromacy



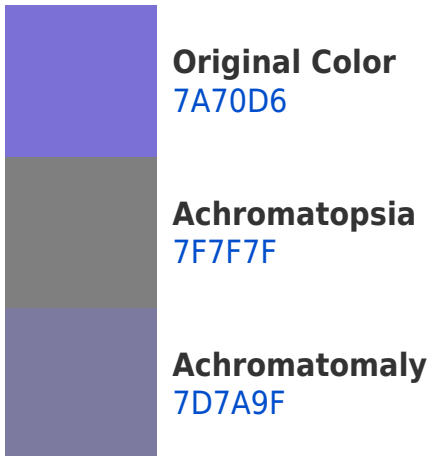


Tritanopia
67818C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7A70D6 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 #7A70D6 looks like.

```
.text, #text, p{  
    color:#7A70D6  
}
```

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 #7A70D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A70D6  
}
```

Border

The CSS property to change the border of an element to Hex 7A70D6 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  
#7A70D6 }
```

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

```
.border{ border-color:#7A70D6 }
```

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

Here you see how a box with a 4 pixel #7A70D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A70D6; -webkit-box-shadow:4px 4px  
4px 4px #7A70D6; box-shadow:4px 4px 4px  
4px #7A70D6 }
```

Background

The CSS property to change the background color of an element to Hex 7A70D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A70D6 }
```

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

```
.background{ background-color:#7A70D6 }
```

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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