

Converting Colors

Hex(7A70B4)

Have a look what the booklet for
Hex(7A70B4) contains.

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Color

Hex(7A70B4)

Conversions

Conversions Part 1

Format	Color
Hex	7A70B4
RGB	122, 112, 180
RGB Percent	48%, 44%, 71%
CMY	0.5216, 0.5608, 0.2941
CMYK	0.32, 0.38, 0.00, 0.29
HSL	249°, 31%, 57%
HSV	249°, 38%, 71%
XYZ	22.0584, 19.0212, 45.6889
YIQ	122.7420, -15.8680, 23.2680

Conversions

Conversions Part 2

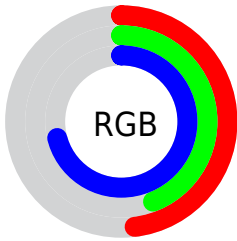
Format	Color
R_{YB}	122, 112, 180
Decimal	8024244
CIE _{Lab}	50.71, 19.71, -34.71
CIE _{LCh}	51, 39.919, 299.595
Yxy	19.0212, 0.2542, 0.2192
Android (android.graphics.Color)	4286214324 (0xFF7A70B4)
YUV	122.7420, 28.2282, -0.6507
Hunter-Lab	43.6133, 13.9572, -31.5823

Details

The Hex color **7A70B4** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **AAB470**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **B0A4EC**, and **46407F** is the 20% darker color. If you saturate the color by 10%, you get **6B5EB4**, and if you desaturate by 10%, it is **8982B4**.

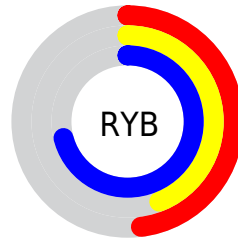
Distribution



Red (48%)

Green (44%)

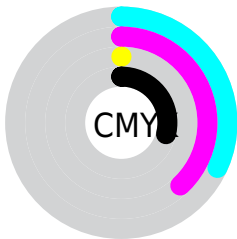
Blue (71%)



Red (48%)

Yellow (44%)

Blue (71%)

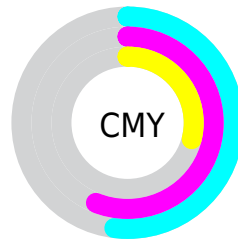


Cyan (32%)

Magenta (38%)

Yellow (0%)

Black (29%)



Cyan (52%)

Magenta (56%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A70B4 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 7A70B4 by changing the saturation by 10% instead.

7A70B4

7A70B4

FFFFFF

605899

B0A4EC

46407F

CCBFFF

2D2A65

E9DBFF

12164D

FFF7FF

000036

000220

000004

000000

7A70B4

7A70B4

6B5EB4

8982B4

5B4CB4

9994B4

4C3AB4

A8A6B4

3D28B4

B7B8B4

2D16B4

C7CAB4

1E04B4

D6DCB4

1A00B4

E5EEB4

F5FFB4

FFFFB4

Harmonies

Analogous

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



387CBD



7A70B4



A2639C

Triad

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



7A70B4



A86A3E



008A77

Complementary

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



7A70B4



AAB470

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.



3F8755



7A70B4



8D7732

Square

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



7A70B4



B75F59



6B813B



008999

Rectangle

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



7A70B4



B25D86



6B813B



00896B

Sweetspot

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



7A70B4



D5D1EB



70ABB4



686675



F5F5F5



757575

Same Dimension

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



7A70B4



9181EB



9B70B4



525059



170099



04001A

Inverse Universe

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



B470AA



EB81DB



89B470



595058



990082



1A0016

Previews

White Background



This preview shows how the Hex color 7A70B4 looks on a white background.

Color Contrast Check

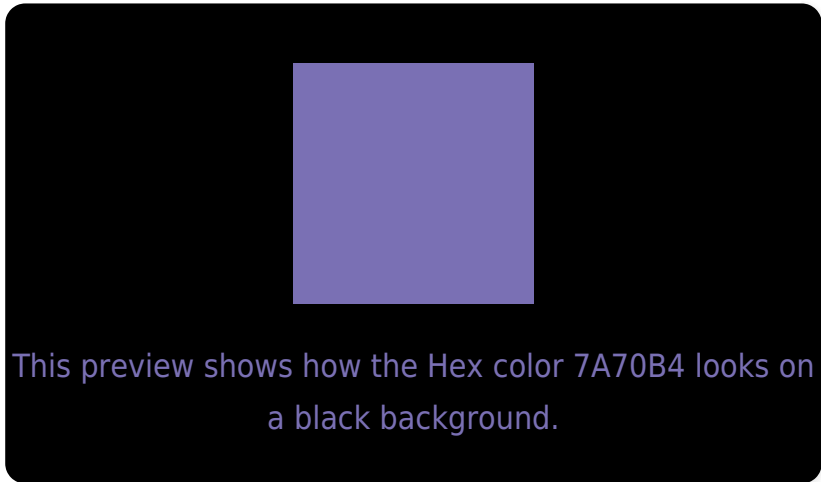
Large Text (above 18pt) WCAG AA ✓ Pass

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 7A70B4 Background



This preview shows how black text looks on a background with the Hex color 7A70B4.

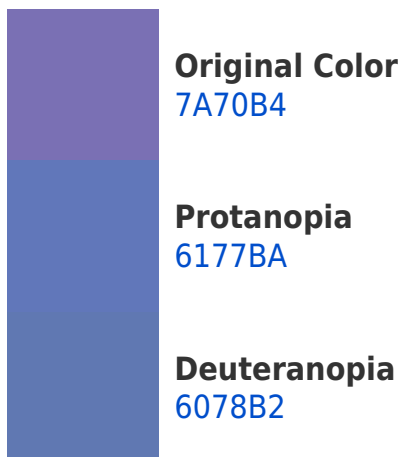


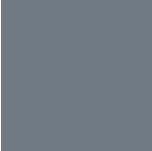
This preview shows how white text looks on a background with the Hex color 7A70B4.

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](#).

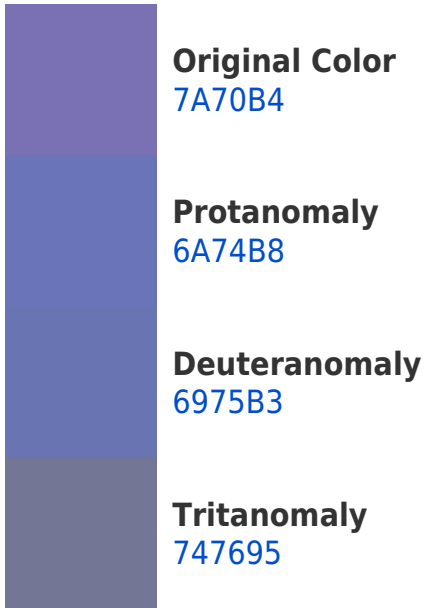
Dichromacy





Tritanopia
707A84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7A70B4 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 #7A70B4 looks like.

```
.text, #text, p{  
    color:#7A70B4  
}
```

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 #7A70B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A70B4  
}
```

Border

The CSS property to change the border of an element to Hex 7A70B4 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  
#7A70B4 }
```

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

```
.border{ border-color:#7A70B4 }
```

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

Here you see how a box with a 4 pixel #7A70B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A70B4; -webkit-box-shadow:4px 4px  
4px 4px #7A70B4; box-shadow:4px 4px 4px  
4px #7A70B4 }
```

Background

The CSS property to change the background color of an element to Hex 7A70B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A70B4 }
```

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

```
.background{ background-color:#7A70B4 }
```

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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