

Converting Colors

Hex(7F70A7)

Have a look what the booklet for
Hex(7F70A7) contains.

Hex(7F70A7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7F70A7)

Conversions

Conversions Part 1

Format	Color
Hex	7F70A7
RGB	127, 112, 167
RGB Percent	50%, 44%, 65%
CMY	0.5020, 0.5608, 0.3451
CMYK	0.24, 0.33, 0.00, 0.35
HSL	256°, 24%, 55%
HSV	256°, 33%, 65%
XYZ	21.5216, 18.8904, 39.0711
YIQ	122.7550, -8.7150, 20.2850

Conversions

Conversions Part 2

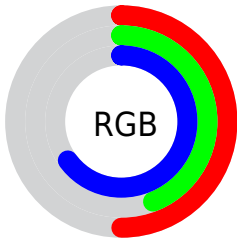
Format	Color
RYB	127, 112, 167
Decimal	8351911
CIELab	50.56, 17.86, -27.37
CIElCh	51, 32.680, 303.134
Yxy	18.8904, 0.2708, 0.2377
Android (android.graphics.Color)	4286541991 (0xFF7F70A7)
YUV	122.7550, 21.8128, 3.7229
Hunter-Lab	43.4631, 12.3275, -22.8746

Details

The Hex color **7F70A7** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **98A770**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **B5A4DE**, and **4C4073** is the 20% darker color. If you saturate the color by 10%, you get **735FA7**, and if you desaturate by 10%, it is **8B81A7**.

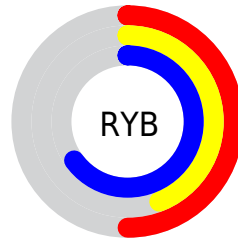
Distribution



Red (50%)

Green (44%)

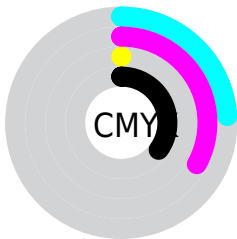
Blue (65%)



Red (50%)

Yellow (44%)

Blue (65%)

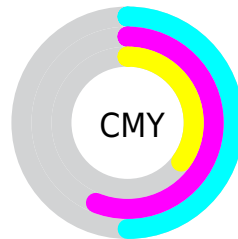


Cyan (24%)

Magenta (33%)

Yellow (0%)

Black (35%)



Cyan (50%)

Magenta (56%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F70A7 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 7F70A7 by changing the saturation by 10% instead.

7F70A7

7F70A7

FFFFFF

65588C

B5A4DE

4C4073

D1BFFB

342A5A

EDDBFF

1D1542

FFF7FF

0B002C

000116

000000

7F70A7

7F70A7

735FA7

8B81A7

674FA7

9791A7

5B3EA7

A3A2A7

4E2DA7

B0B3A7

421CA7

BCC3A7

360CA7

C8D4A7

2E00A7

D4E5A7

E0F6A7

ECFFA7

Harmonies

Analogous

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



527AB0



7F70A7



9E6692

Triad

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



7F70A7



9E6E47



14877A

Complementary

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



7F70A7



98A770

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.



47855E



7F70A7



877840

Square

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



7F70A7



AC655B



6A8049



008696

Rectangle

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



7F70A7



A96380



6A8049



2A8771

Sweetspot

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



7F70A7



C9C3D9



7098A7



64606E



EDEDED



6E6E6E

Same Dimension

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



7F70A7



9A82D9



9A70A7



4E4C54



280094



060014

Inverse Universe

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



A77098



D982C1



7DA770



544C52



94006C



14000F

Previews

White Background



This preview shows how the Hex color 7F70A7 looks on a white background.

Color Contrast Check

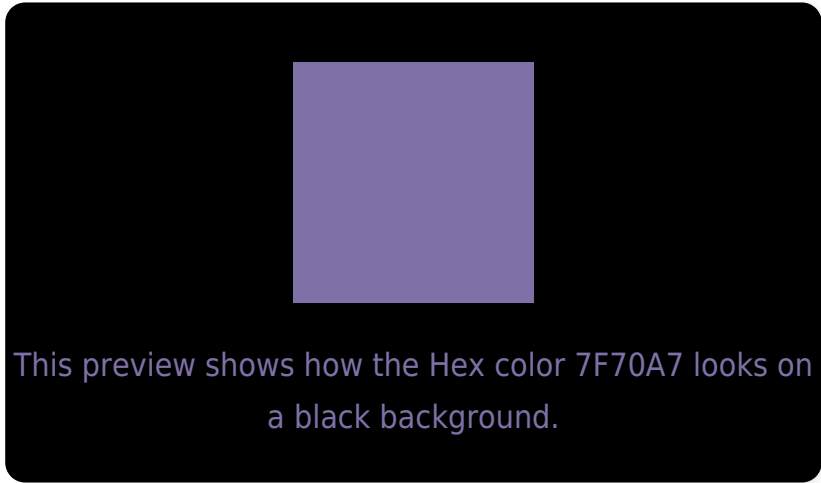
Large Text (above 18pt) WCAG AA ✓ Pass

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

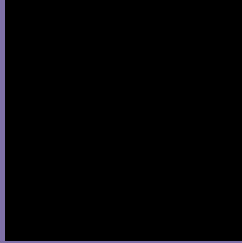
Any Text WCAG AA ✓ Pass

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 7F70A7 Background



This preview shows how black text looks on a background with the Hex color 7F70A7.

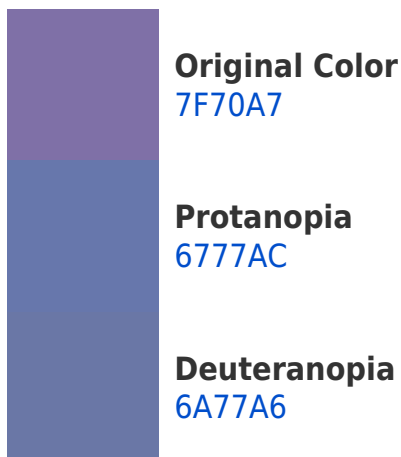


This preview shows how white text looks on a background with the Hex color 7F70A7.

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
787881

Trichromacy



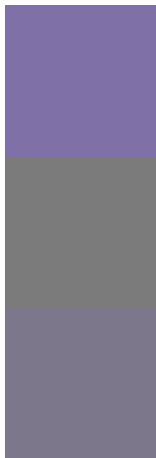
Original Color
7F70A7

Protanomaly
7074AA

Deuteranomaly
7274A6

Tritanomaly
7B758F

Monochromacy



Original Color
7F70A7

Achromatopsia
7B7B7B

Achromatomaly
7C778B

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F70A7 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 #7F70A7 looks like.

```
.text, #text, p{  
    color:#7F70A7  
}
```

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 #7F70A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F70A7  
}
```

Border

The CSS property to change the border of an element to Hex 7F70A7 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  
#7F70A7 }
```

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

```
.border{ border-color:#7F70A7 }
```

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

Here you see how a box with a 4 pixel #7F70A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F70A7; -webkit-box-shadow:4px 4px  
4px 4px #7F70A7; box-shadow:4px 4px 4px  
4px #7F70A7 }
```

Background

The CSS property to change the background color of an element to Hex 7F70A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F70A7 }
```

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

```
.background{ background-color:#7F70A7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor