

Converting Colors

Hex(7C7CAC)

Have a look what the booklet for
Hex(7C7CAC) contains.

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Color

Hex(7C7CAC)

Conversions

Conversions Part 1

Format	Color
Hex	7C7CAC
RGB	124, 124, 172
RGB Percent	49%, 49%, 67%
CMY	0.5137, 0.5137, 0.3255
CMYK	0.28, 0.28, 0.00, 0.33
HSL	240°, 22%, 58%
HSV	240°, 28%, 67%
XYZ	22.9662, 21.6789, 42.0037
YIQ	129.4720, -15.4080, 14.9280

Conversions

Conversions Part 2

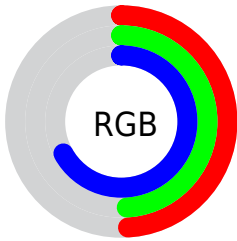
Format	Color
R _{YB}	124, 124, 172
Decimal	8158380
CIE Lab	53.68, 11.06, -25.45
CIE LCh	54, 27.746, 293.492
Yxy	21.6789, 0.2650, 0.2502
Android (android.graphics.Color)	4286348460 (0xFF7C7CAC)
YUV	129.4720, 20.9663, -4.7989
Hunter-Lab	46.5607, 6.5647, -20.8948

Details

The Hex color **7C7CAC** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **ACAC7C**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **B2B0E4**, and **4A4B77** is the 20% darker color. If you saturate the color by 10%, you get **6B6BAC**, and if you desaturate by 10%, it is **8D8DAC**.

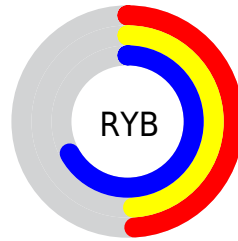
Distribution



Red (49%)

Green (49%)

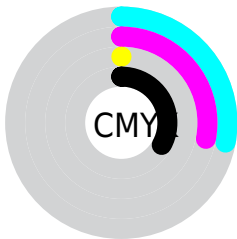
Blue (67%)



Red (49%)

Yellow (49%)

Blue (67%)

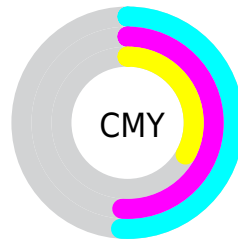


Cyan (28%)

Magenta (28%)

Yellow (0%)

Black (33%)



Cyan (51%)

Magenta (51%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C7CAC 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 7C7CAC by changing the saturation by 10% instead.

■ 7C7CAC

■ 7C7CAC

FFFFFF

■ 626391

■ B2B0E4

■ 4A4B77

■ CDCCFF

■ 31355F

■ EAE8FF

■ 192047

■ 030830

■ 00011B

■ 000000

■ 7C7CAC

■ 7C7CAC

■ 6B6BAC

■ 8D8DAC

■ 5A5AAC

■ 9E9EAC

■ 4848AC

■ B0B0AC

■ 3737AC

■ C1C1AC

■ 2626AC

■ D2D2AC

■ 1515AC

■ E3E3AC

■ 0404AC

■ F4F4AC

■ 0000AC

■ FFFFAC

Harmonies

Analogous

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



5784AF



7C7CAC



9A749D

Triad

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



7C7CAC



A7755B



448D7A

Complementary

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



7C7CAC



ACAC7C

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.



628A63



7C7CAC



957D51

Square

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



7C7CAC



AF6F6E



7D8554



2C8D92

Rectangle

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



7C7CAC



A7708E



7D8554



4E8C72

Sweetspot

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



7C7CAC



CECEE0



7CACAC



656570



F0F0F0



707070

Same Dimension

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



7C7CAC



9696E0



947CAC



4E4E57



000096



000017

Inverse Universe

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



AC7CAC



E096E0



94AC7C



574E57



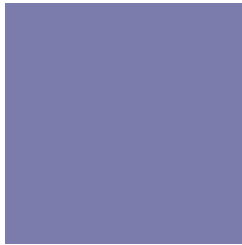
960096



170017

Previews

White Background



This preview shows how the Hex color 7C7CAC looks on a white background.

Color Contrast Check

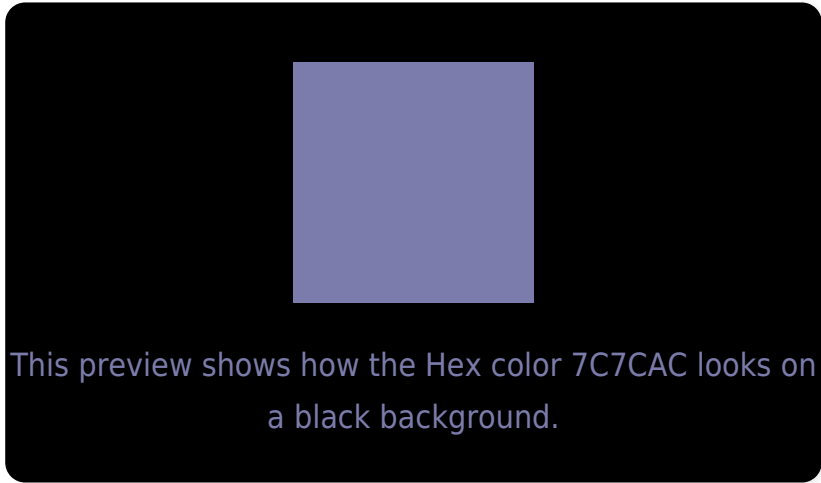
Large Text (above 18pt) WCAG AA ✓ Pass

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

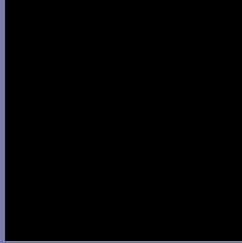
Any Text WCAG AA ✓ Pass

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 7C7CAC Background



This preview shows how black text looks on a background with the Hex color 7C7CAC.



This preview shows how white text looks on a background with the Hex color 7C7CAC.

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](#).

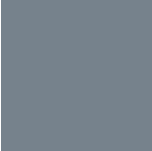
Dichromacy



Original Color
7C7CAC

Protanopia
727FAE

Deuteranopia
757EAC



Tritanopia
76828C

Trichromacy



Original Color
7C7CAC

Protanomaly
767EAD

Deuteranomaly
787DAC

Tritanomaly
788098

Monochromacy



Original Color
7C7CAC

Achromatopsia
818181

Achromatomaly
7F7F91

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C7CAC 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 #7C7CAC looks like.

```
.text, #text, p{  
    color:#7C7CAC  
}
```

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 #7C7CAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C7CAC
}
```

Border

The CSS property to change the border of an element to Hex 7C7CAC 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
#7C7CAC }
```

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

```
.border{ border-color:#7C7CAC }
```

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

Here you see how a box with a 4 pixel #7C7CAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C7CAC; -webkit-box-shadow:4px 4px  
4px 4px #7C7CAC; box-shadow:4px 4px 4px  
4px #7C7CAC }
```

Background

The CSS property to change the background color of an element to Hex 7C7CAC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C7CAC }
```

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

```
.background{ background-color:#7C7CAC }
```

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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