

Converting Colors

Hex(7A7CAB)

Have a look what the booklet for
Hex(7A7CAB) contains.

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Color

Hex(7A7CAB)

Conversions

Conversions Part 1

Format	Color
Hex	7A7CAB
RGB	122, 124, 171
RGB Percent	48%, 49%, 67%
CMY	0.5216, 0.5137, 0.3294
CMYK	0.29, 0.27, 0.00, 0.33
HSL	238°, 23%, 57%
HSV	238°, 29%, 67%
XYZ	22.5844, 21.4932, 41.4863
YIQ	128.7600, -16.2790, 14.1930

Conversions

Conversions Part 2

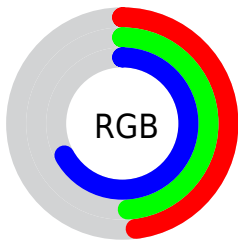
Format	Color
R_{YB}	122, 124, 171
Decimal	8027307
CIE _{Lab}	53.49, 10.19, -25.19
CIE _{LCh}	53, 27.172, 292.014
Yxy	21.4932, 0.2639, 0.2512
Android (android.graphics.Color)	4286217387 (0xFF7A7CAB)
YUV	128.7600, 20.8243, -5.9285
Hunter-Lab	46.3607, 5.8241, -20.6038

Details

The Hex color **7A7CAB** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **ABA97A**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **AFB0E2**, and **484B77** is the 20% darker color. If you saturate the color by 10%, you get **696CAB**, and if you desaturate by 10%, it is **8B8CAB**.

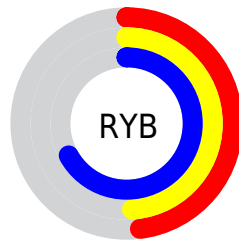
Distribution



Red (48%)

Green (49%)

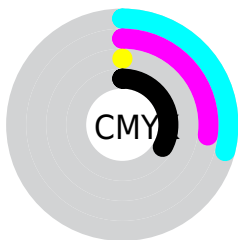
Blue (67%)



Red (48%)

Yellow (49%)

Blue (67%)

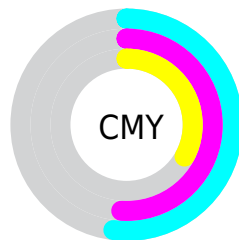


Cyan (29%)

Magenta (27%)

Yellow (0%)

Black (33%)



Cyan (52%)

Magenta (51%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A7CAB 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 7A7CAB by changing the saturation by 10% instead.

■ 7A7CAB

■ 7A7CAB

FFFFFF

■ 606390

■ AFB0E2

■ 484B77

■ CBCCFE

■ 2F355E

■ E8E8FF

■ 172046

■ 01082F

■ 00011A

■ 000000

■ 7A7CAB

■ 7A7CAB

■ 696CAB

■ 8B8CAB

■ 585BAB

■ 9C9DAB

■ 474BAB

■ ADADAB

■ 363AAB

■ BEBEAB

■ 252AAB

■ CFCEAB

■ 131AAB

■ E1DEAB

■ 0209AB

■ F2EFAB

■ 0007AB

■ FFFFAB

Harmonies

Analogous

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



5684AE



7A7CAB



97749D

Triad

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



7A7CAB



A7745C



478C78

Complementary

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



7A7CAB



ABA97A

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.



638962



7A7CAB



957C51

Square

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



7A7CAB



AE6F6F



7E8454



308C90

Rectangle

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



7A7CAB



A5708F



7E8454



508B71

Sweetspot

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



7A7CAB



CACBDE



7AABA9



646470



F0F0F0



707070

Same Dimension

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



7A7CAB



9295DE



907AAB



4E4E57



000696



000117

Inverse Universe

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



AB7A7C



DE9295



95AB7A



574E4E



960006



170001

Previews

White Background



This preview shows how the Hex color 7A7CAB looks on a white background.

Color Contrast Check

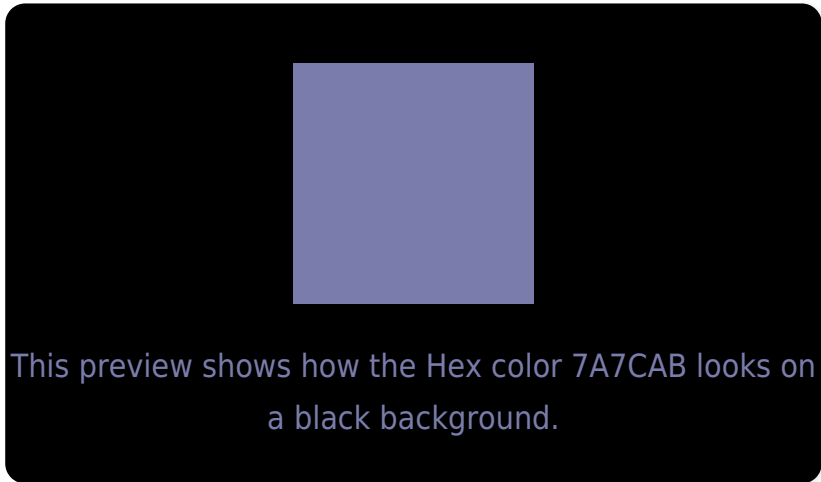
Large Text (above 18pt) WCAG AA ✓ Pass

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

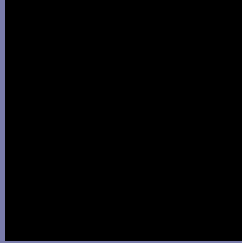
Any Text WCAG AA ✓ Pass

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 7A7CAB Background



This preview shows how black text looks on a background with the Hex color 7A7CAB.



This preview shows how white text looks on a background with the Hex color 7A7CAB.

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](#).

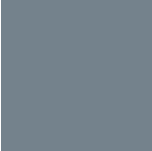
Dichromacy



Original Color
7A7CAB

Protanopia
727EAD

Deuteranopia
747EAB



Tritanopia
74828C

Trichromacy



Original Color
7A7CAB

Protanomaly
757DAC

Deuteranomaly
767DAB

Tritanomaly
768097

Monochromacy



Original Color
7A7CAB

Achromatopsia
818181

Achromatomaly
7E7F90

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A7CAB 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 #7A7CAB looks like.

```
.text, #text, p{  
    color:#7A7CAB  
}
```

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 #7A7CAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A7CAB
}
```

Border

The CSS property to change the border of an element to Hex 7A7CAB 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
#7A7CAB }
```

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

```
.border{ border-color:#7A7CAB }
```

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

Here you see how a box with a 4 pixel #7A7CAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A7CAB; -webkit-box-shadow:4px 4px  
4px 4px #7A7CAB; box-shadow:4px 4px 4px  
4px #7A7CAB }
```

Background

The CSS property to change the background color of an element to Hex 7A7CAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A7CAB }
```

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

```
.background{ background-color:#7A7CAB }
```

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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