

Converting Colors

Hex(7A7AC4)

Have a look what the booklet for
Hex(7A7AC4) contains.

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Color

Hex(7A7AC4)

Conversions

Conversions Part 1

Format	Color
Hex	7A7AC4
RGB	122, 122, 196
RGB Percent	48%, 48%, 77%
CMY	0.5216, 0.5216, 0.2314
CMYK	0.38, 0.38, 0.00, 0.23
HSL	240°, 39%, 62%
HSV	240°, 38%, 77%
XYZ	24.9494, 22.0422, 55.1641
YIQ	130.4360, -23.7540, 23.0140

Conversions

Conversions Part 2

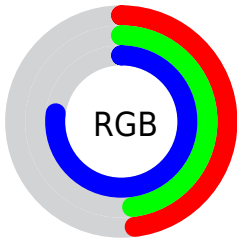
Format	Color
R_{YB}	122, 122, 196
Decimal	8026820
CIE _{Lab}	54.07, 18.11, -38.63
CIE _{LCh}	54, 42.661, 295.119
Yxy	22.0422, 0.2442, 0.2158
Android (android.graphics.Color)	4286216900 (0xFF7A7AC4)
YUV	130.4360, 32.3231, -7.3984
Hunter-Lab	46.9491, 12.6964, -36.8001

Details

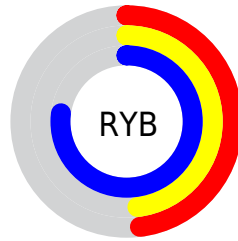
The Hex color **7A7AC4** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **C4C47A**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **B1AEFD**, and **454A8E** is the 20% darker color. If you saturate the color by 10%, you get **6666C4**, and if you desaturate by 10%, it is **8E8EC4**.

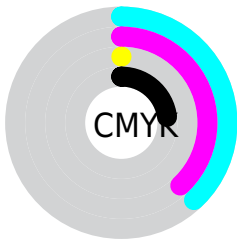
Distribution



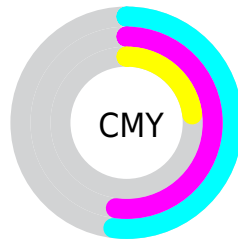
- Red (48%)
- Green (48%)
- Blue (77%)



- Red (48%)
- Yellow (48%)
- Blue (77%)



- Cyan (38%)
- Magenta (38%)
- Yellow (0%)
- Black (23%)



- Cyan (52%)
- Magenta (52%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A7AC4 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 7A7AC4 by changing the saturation by 10% instead.

■ 7A7AC4

■ 7A7AC4

FFFFFF

■ 5F61A9

■ B1AEFD

■ 454A8E

■ CDCAFF

■ 2A3374

■ EAE6FF

■ 081E5B

■ 000743

■ 00032C

■ 000116

■ 000000

■ 7A7AC4

■ 7A7AC4

6666C4

8E8EC4

5353C4

A1A1C4

3F3FC4

B5B5C4

2C2CC4

C8C8C4

1818C4

DCDCC4

0404C4

F0F0C4

0000C4

FFFFC4

Harmonies

Analogous

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



2787CA



7A7AC4



A96CAC

Triad

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



7A7AC4



B77046



00937A

Complementary

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



7A7AC4



C4C47A

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.



4B9056



7A7AC4



9C7D35

Square

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



7A7AC4



C66464



78883C



00949F

Rectangle

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



7A7AC4



BC6495



78883C



17936D

Sweetspot

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



7A7AC4



E3E3FF



7AC4C4



6F6F80



000000



808080

Same Dimension

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



7A7AC4



8C8CFF



9F7AC4



575761



0000A1



000021

Inverse Universe

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



C47AC4



FF8CFF



9FC47A



615761



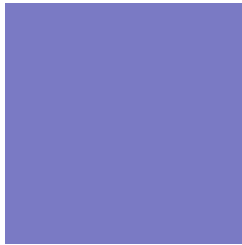
A100A1



210021

Previews

White Background



This preview shows how the Hex color 7A7AC4 looks on a white background.

Color Contrast Check

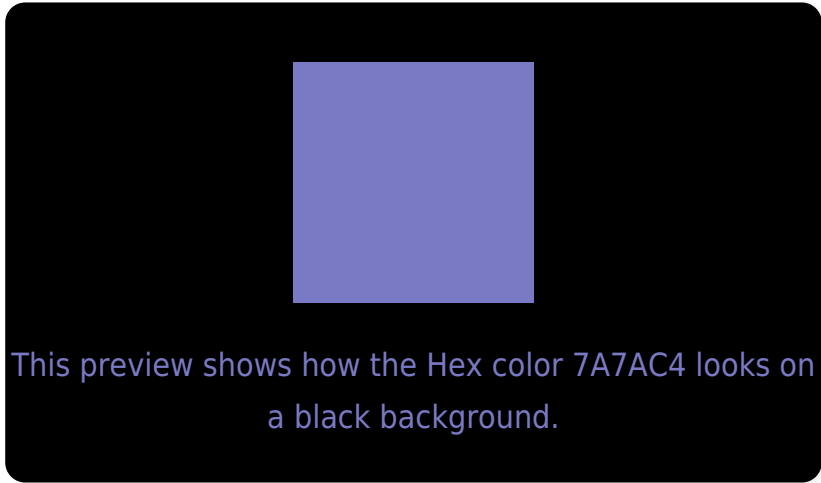
Large Text (above 18pt) WCAG AA ✓ Pass

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 7A7AC4 Background



This preview shows how black text looks on a background with the Hex color 7A7AC4.



This preview shows how white text looks on a background with the Hex color 7A7AC4.

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
7A7AC4

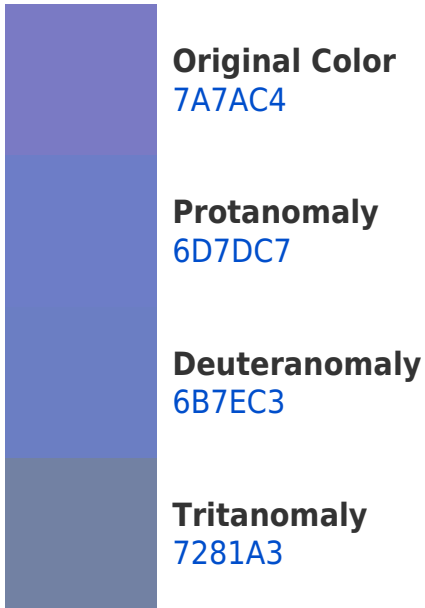
Protanopia
667FC8

Deuteranopia
6381C3

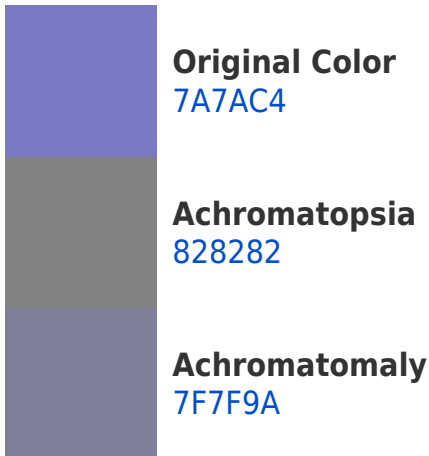


Tritanopia
6E8590

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7A7AC4 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 #7A7AC4 looks like.

```
.text, #text, p{  
    color:#7A7AC4  
}
```

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 #7A7AC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A7AC4
}
```

Border

The CSS property to change the border of an element to Hex 7A7AC4 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".

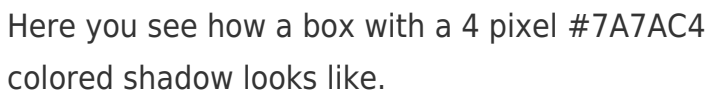
```
.border, #border, table{ border:4px solid
#7A7AC4 }
```

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

```
.border{ border-color:#7A7AC4 }
```

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

Here you see how a box with a 4 pixel #7A7AC4 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A7AC4; -webkit-box-shadow:4px 4px  
4px 4px #7A7AC4; box-shadow:4px 4px 4px  
4px #7A7AC4 }
```

Background

The CSS property to change the background color of an element to Hex 7A7AC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A7AC4 }
```

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

```
.background{ background-color:#7A7AC4 }
```

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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