

Converting Colors

Hex(7A7AC3)

Have a look what the booklet for
Hex(7A7AC3) contains.

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Color

Hex(7A7AC3)

Conversions

Conversions Part 1

Format	Color
Hex	7A7AC3
RGB	122, 122, 195
RGB Percent	48%, 48%, 76%
CMY	0.5216, 0.5216, 0.2353
CMYK	0.37, 0.37, 0.00, 0.24
HSL	240°, 38%, 62%
HSV	240°, 37%, 76%
XYZ	24.8359, 21.9968, 54.5666
YIQ	130.3220, -23.4330, 22.7030

Conversions

Conversions Part 2

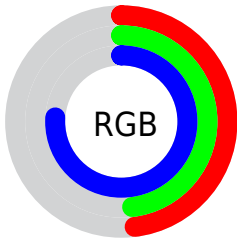
Format	Color
R_{YB}	122, 122, 195
Decimal	8026819
CIE _{Lab}	54.02, 17.83, -38.13
CIE _{LCh}	54, 42.094, 295.062
Yxy	21.9968, 0.2449, 0.2169
Android (android.graphics.Color)	4286216899 (0xFF7A7AC3)
YUV	130.3220, 31.8863, -7.2984
Hunter-Lab	46.9007, 12.4470, -36.1504

Details

The Hex color **7A7AC3** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **C3C37A**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **B1AEFC**, and **454A8D** is the 20% darker color. If you saturate the color by 10%, you get **6767C3**, and if you desaturate by 10%, it is **8E8EC3**.

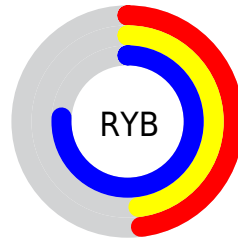
Distribution



Red (48%)

Green (48%)

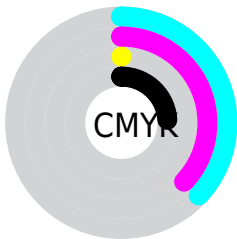
Blue (76%)



Red (48%)

Yellow (48%)

Blue (76%)

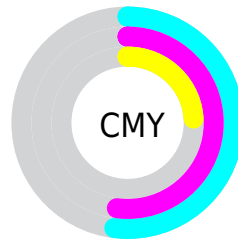


Cyan (37%)

Magenta (37%)

Yellow (0%)

Black (24%)



Cyan (52%)

Magenta (52%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A7AC3 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 7A7AC3 by changing the saturation by 10% instead.

■ 7A7AC3

■ 7A7AC3

FFFFFF

■ 5F61A8

■ B1AEFC

■ 454A8D

■ CDCAFF

■ 2A3373

■ EAE6FF

■ 091E5A

■ 000742

■ 00032B

■ 000116

■ 000000

■ 7A7AC3

■ 7A7AC3

6767C3

8E8EC3

5353C3

A1A1C3

4040C3

B5B5C3

2C2CC3

C8C8C3

1818C3

DBDBC3

0505C3

EFEFC3

0000C3

FFFFC3

Harmonies

Analogous

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



2A87C9



7A7AC3



A86CAB

Triad

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



7A7AC3



B77046



00937A

Complementary

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



7A7AC3



C3C37A

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.



4C9056



7A7AC3



9C7D37

Square

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



7A7AC3



C56564



78883C



00939F

Rectangle

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



7A7AC3



BB6595



78883C



1B926D

Sweetspot

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



7A7AC3



E1E1FC



7AC3C3



6F6F80



000000



808080

Same Dimension

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



7A7AC3



8B8BFC



9E7AC3



575761



0000A1



000021

Inverse Universe

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



C37AC3



FC8BFC



9EC37A



615761



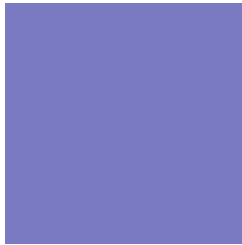
A100A1



210021

Previews

White Background



This preview shows how the Hex color 7A7AC3 looks on a white background.

Color Contrast Check

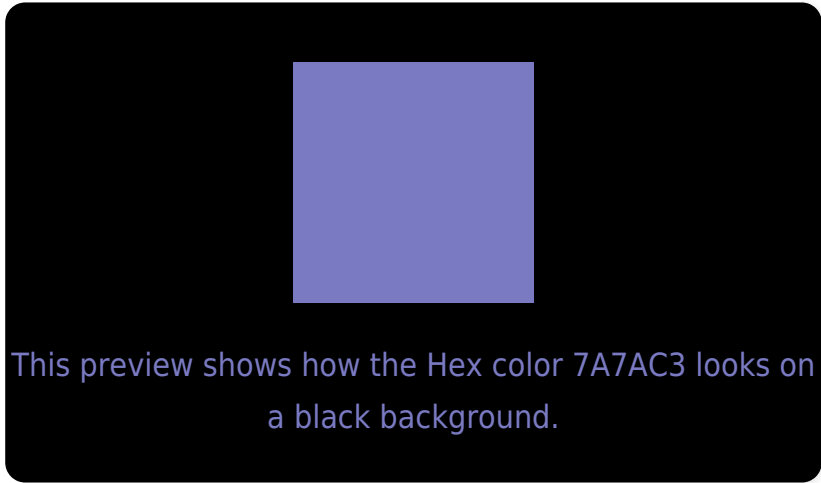
Large Text (above 18pt) WCAG AA ✓ Pass

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

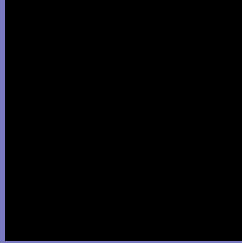
Any Text WCAG AA ✓ Pass

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 7A7AC3 Background



This preview shows how black text looks on a background with the Hex color 7A7AC3.

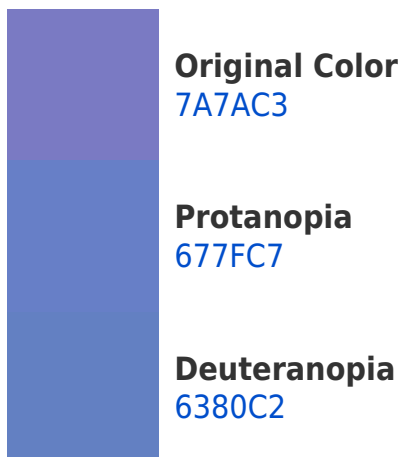



This preview shows how white text looks on a background with the Hex color 7A7AC3.

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](#).

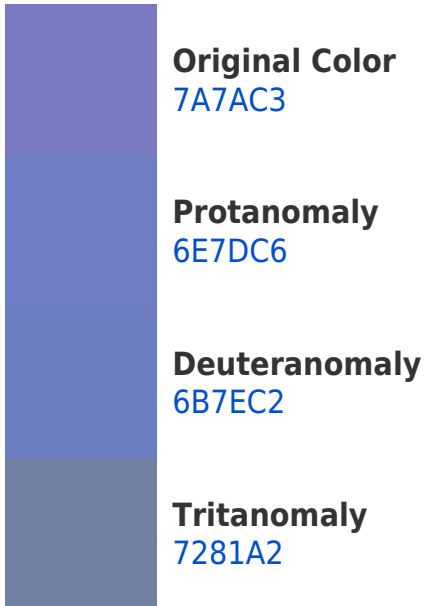
Dichromacy



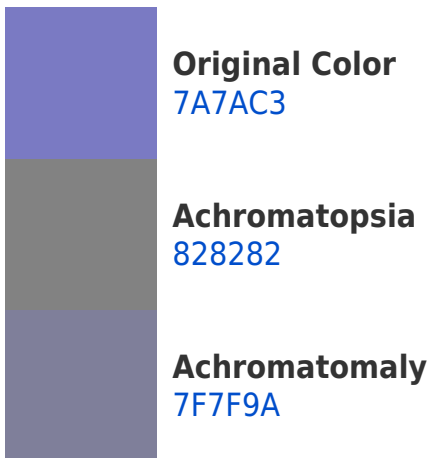


Tritanopia
6E858F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7A7AC3 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 #7A7AC3 looks like.

```
.text, #text, p{  
    color:#7A7AC3  
}
```

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 #7A7AC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A7AC3
}
```

Border

The CSS property to change the border of an element to Hex 7A7AC3 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
#7A7AC3 }
```

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

```
.border{ border-color:#7A7AC3 }
```

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

Here you see how a box with a 4 pixel #7A7AC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A7AC3; -webkit-box-shadow:4px 4px  
4px 4px #7A7AC3; box-shadow:4px 4px 4px  
4px #7A7AC3 }
```

Background

The CSS property to change the background color of an element to Hex 7A7AC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A7AC3 }
```

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

```
.background{ background-color:#7A7AC3 }
```

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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