

Converting Colors

Hex(7B7EAC)

Have a look what the booklet for
Hex(7B7EAC) contains.

| | |
|--|----|
| Hex(7B7EAC) | 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(7B7EAC)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 7B7EAC |
| RGB | 123, 126, 172 |
| RGB Percent | 48%, 49%, 67% |
| CMY | 0.5176, 0.5059, 0.3255 |
| CMYK | 0.28, 0.27, 0.00, 0.33 |
| HSL | 236°, 23%, 58% |
| HSV | 236°, 28%, 67% |
| XYZ | 23.0756, 22.1112, 42.0814 |
| YIQ | 130.3470, -16.5540, 13.6700 |

Conversions

Conversions Part 2

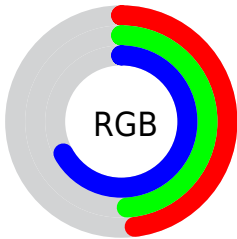
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 123, 126, 172 |
| Decimal | 8093356 |
| CIE _{Lab} | 54.14, 9.57, -24.74 |
| CIE _{LCh} | 54, 26.529, 291.146 |
| Yxy | 22.1112, 0.2644, 0.2534 |
| Android (android.graphics.Color) | 4286283436 (0xFF7B7EAC) |
| YUV | 130.3470, 20.5349, -6.4433 |
| Hunter-Lab | 47.0226, 5.3067, -20.1440 |

Details

The Hex color **7B7EAC** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **ACA97B**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **B0B3E4**, and **494D78** is the 20% darker color. If you saturate the color by 10%, you get **6A6EAC**, and if you desaturate by 10%, it is **8C8EAC**.

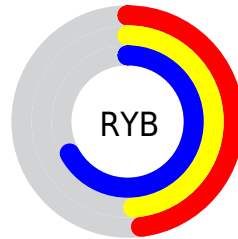
Distribution



Red (48%)

Green (49%)

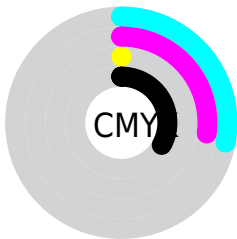
Blue (67%)



Red (48%)

Yellow (49%)

Blue (67%)

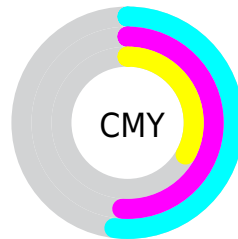


Cyan (28%)

Magenta (27%)

Yellow (0%)

Black (33%)



Cyan (52%)

Magenta (51%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B7EAC 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 7B7EAC by changing the saturation by 10% instead.

■ 7B7EAC

■ 7B7EAC

FFFFFF

■ 616591

■ B0B3E4

■ 494D78

■ CCCEFF

■ 30375F

■ E9EAFB

■ 182147

■ 010B30

■ 00011B

■ 000000

■ 7B7EAC

■ 7B7EAC

■ 6A6EAC

■ 8C8EAC

■ 595EAC

■ 9D9EAC

■ 474EAC

■ AFAEAC

■ 363DAC

■ C0BFAC

■ 252DAC

■ D1CFAC

■ 141DAC

■ E2DFAC

■ 030DAC

■ F3EFAC

■ 000BAC

■ FFFFAC

Harmonies

Analogous

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



5886AE



7B7EAC



98769E

Triad

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



7B7EAC



A8765F



4B8E7A

Complementary

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



7B7EAC



ACA97B

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.



668B64



7B7EAC



977E54

Square

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



7B7EAC



AF7172



818556



368E91

Rectangle

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



7B7EAC



A57291



818556



548D72

Sweetspot

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



7B7EAC



CCCDE0



7BACA9



646570



F0F0F0



707070

Same Dimension

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



7B7EAC



9499E0



907BAC



4E4F57



000996



000117

Inverse Universe

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



AC7B7E



E09499



97AC7B



574E4F



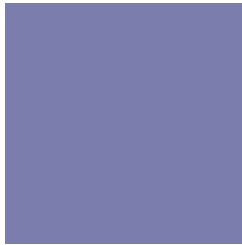
960009



170001

Previews

White Background



This preview shows how the Hex color 7B7EAC looks on a white background.

Color Contrast Check

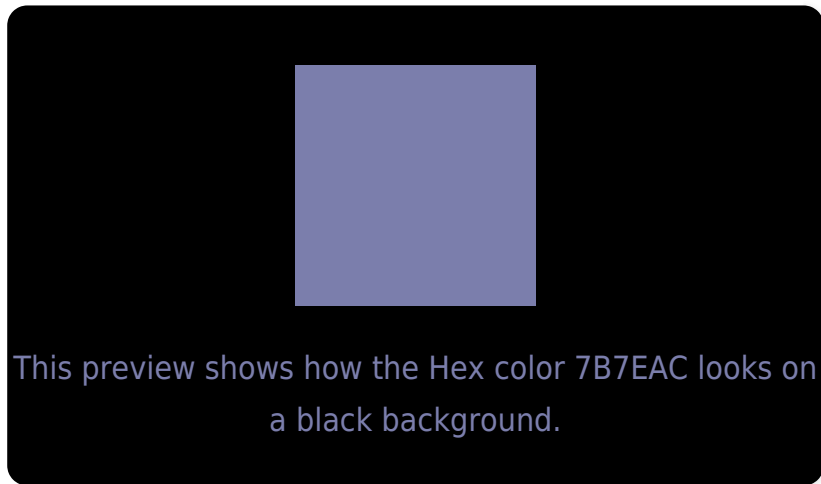
Large Text (above 18pt) WCAG AA ✓ Pass

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

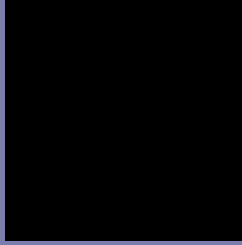
Any Text WCAG AA ✓ Pass

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 7B7EAC Background



This preview shows how black text looks on a background with the Hex color 7B7EAC.



This preview shows how white text looks on a background with the Hex color 7B7EAC.

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
7B7EAC

Protanopia
7480AD

Deuteranopia
777FAC



Tritanopia
75848E

Trichromacy



Original Color
7B7EAC

Protanomaly
777FAD

Deuteranomaly
787FAC

Tritanomaly
778299

Monochromacy



Original Color
7B7EAC

Achromatopsia
828282

Achromatomaly
7F8191

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B7EAC 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 #7B7EAC looks like.

```
.text, #text, p{  
    color:#7B7EAC  
}
```

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 #7B7EAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B7EAC
}
```

Border

The CSS property to change the border of an element to Hex 7B7EAC 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".

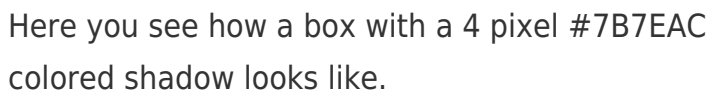
```
.border, #border, table{ border:4px solid
#7B7EAC }
```

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

```
.border{ border-color:#7B7EAC }
```

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

Here you see how a box with a 4 pixel #7B7EAC 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 #7B7EAC; -webkit-box-shadow:4px 4px  
4px 4px #7B7EAC; box-shadow:4px 4px 4px  
4px #7B7EAC }
```

Background

The CSS property to change the background color of an element to Hex 7B7EAC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B7EAC }
```

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

```
.background{ background-color:#7B7EAC }
```

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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