

Converting Colors

Hex(7A7EA3)

Have a look what the booklet for
Hex(7A7EA3) contains.

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Color

Hex(7A7EA3)

Conversions

Conversions Part 1

Format	Color
Hex	7A7EA3
RGB	122, 126, 163
RGB Percent	48%, 49%, 64%
CMY	0.5216, 0.5059, 0.3608
CMYK	0.25, 0.23, 0.00, 0.36
HSL	234°, 18%, 56%
HSV	234°, 25%, 64%
XYZ	22.0978, 21.7036, 37.6749
YIQ	129.0220, -14.2610, 10.6590

Conversions

Conversions Part 2

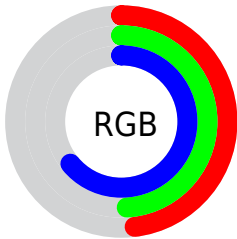
Format	Color
R_{YB}	122, 126, 163
Decimal	8027811
CIE _{Lab}	53.71, 6.97, -20.22
CIE _{LCh}	54, 21.385, 289.022
Yxy	21.7036, 0.2712, 0.2664
Android (android.graphics.Color)	4286217891 (0xFF7A7EA3)
YUV	129.0220, 16.7512, -6.1583
Hunter-Lab	46.5872, 3.1407, -15.3366

Details

The Hex color **7A7EA3** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A39F7A**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **AFB3DA**, and **484D6F** is the 20% darker color. If you saturate the color by 10%, you get **6A6FA3**, and if you desaturate by 10%, it is **8A8DA3**.

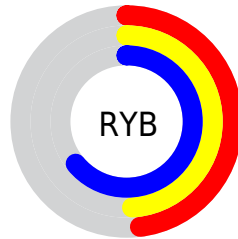
Distribution



Red (48%)

Green (49%)

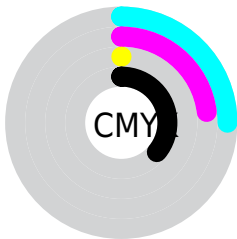
Blue (64%)



Red (48%)

Yellow (49%)

Blue (64%)

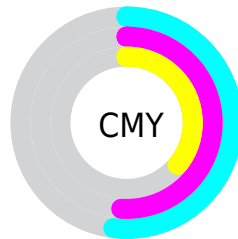


Cyan (25%)

Magenta (23%)

Yellow (0%)

Black (36%)



Cyan (52%)

Magenta (51%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A7EA3 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 7A7EA3 by changing the saturation by 10% instead.



7A7EA3



7A7EA3

FFFFFF



616589



AFB3DA



484D6F



CBCEF7



313757



E7EAFF



1A213F



030A29



000114



000000



7A7EA3



7A7EA3



6A6FA3



8A8DA3

■ 5961A3

■ 9B9BA3

■ 4952A3

■ ABAAA3

■ 3943A3

■ BBB9A3

■ 2934A3

■ CCC8A3

■ 1826A3

■ DCD6A3

■ 0817A3

■ ECE5A3

■ 0010A3

■ FCF4A3

■ FFFFA3

Harmonies

Analogous

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



6084A4



7A7EA3



917899

Triad

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



7A7EA3



A17765



588A79

Complementary

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



7A7EA3



A39F7A

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.



6D8868



7A7EA3



947D5C

Square

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



7A7EA3



A67375



82835D



4A8B8C

Rectangle

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



7A7EA3



9D758E



82835D



5F8A73

Sweetspot

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



7A7EA3



C3C4D4



7AA39F



60616B



EBEBEB



6B6B6B

Same Dimension

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



7A7EA3



949AD4



8A7AA3



494A52



000E91



000212

Inverse Universe

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



A37A7E



D4949A



93A37A



52494A



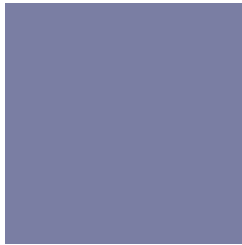
91000E



120002

Previews

White Background



This preview shows how the Hex color 7A7EA3 looks on a white background.

Color Contrast Check

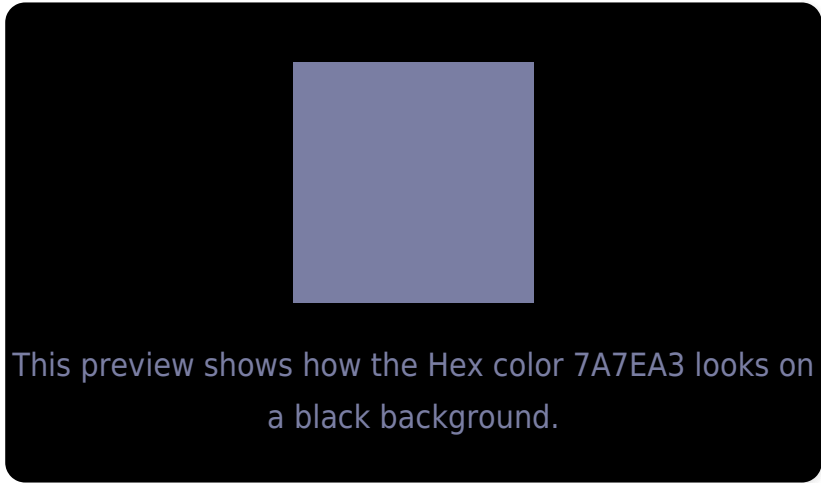
Large Text (above 18pt) WCAG AA ✓ Pass

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

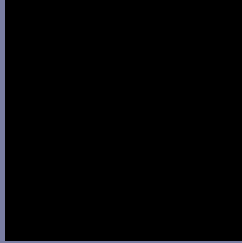
Any Text WCAG AA ✓ Pass

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 7A7EA3 Background



This preview shows how black text looks on a background with the Hex color 7A7EA3.



This preview shows how white text looks on a background with the Hex color 7A7EA3.

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

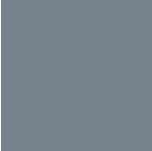
7A7EA3

Protanopia

777FA4

Deuteranopia

7A7EA3



Tritanopia
76828C

Trichromacy



Original Color
7A7EA3

Protanomaly
787FA4

Deuteranomaly
7A7EA3

Tritanomaly
778194

Monochromacy



Original Color
7A7EA3

Achromatopsia
818181

Achromatomaly
7E808D

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A7EA3 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 #7A7EA3 looks like.

```
.text, #text, p{  
    color:#7A7EA3  
}
```

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 #7A7EA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A7EA3
}
```

Border

The CSS property to change the border of an element to Hex 7A7EA3 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".

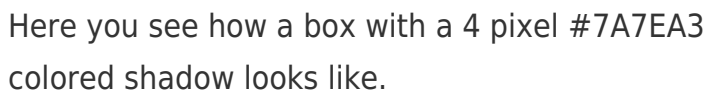
```
.border, #border, table{ border:4px solid
#7A7EA3 }
```

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

```
.border{ border-color:#7A7EA3 }
```

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

Here you see how a box with a 4 pixel #7A7EA3 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 #7A7EA3; -webkit-box-shadow:4px 4px  
4px 4px #7A7EA3; box-shadow:4px 4px 4px  
4px #7A7EA3 }
```

Background

The CSS property to change the background color of an element to Hex 7A7EA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A7EA3 }
```

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

```
.background{ background-color:#7A7EA3 }
```

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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