

Converting Colors

Hex(7B7C99)

Have a look what the booklet for
Hex(7B7C99) contains.

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Color

Hex(7B7C99)

Conversions

Conversions Part 1

Format	Color
Hex	7B7C99
RGB	123, 124, 153
RGB Percent	48%, 49%, 60%
CMY	0.5176, 0.5137, 0.4000
CMYK	0.20, 0.19, 0.00, 0.40
HSL	238°, 13%, 54%
HSV	238°, 20%, 60%
XYZ	21.1258, 20.9262, 33.0627
YIQ	127.0070, -9.9050, 8.8070

Conversions

Conversions Part 2

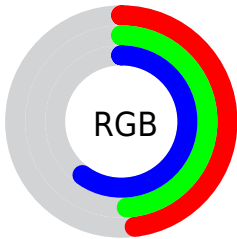
Format	Color
RYB	123, 124, 153
Decimal	8092825
CIELab	52.87, 6.03, -15.69
CIELCh	53, 16.807, 291.012
Yxy	20.9262, 0.2812, 0.2786
Android (android.graphics.Color)	4286282905 (0xFF7B7C99)
YUV	127.0070, 12.8145, -3.5141
Hunter-Lab	45.7451, 2.3801, -10.8308

Details

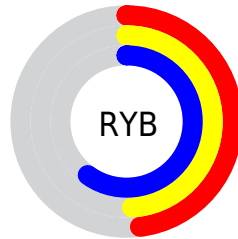
The Hex color **7B7C99** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **99987B**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **B0B0CF**, and **4A4B66** is the 20% darker color. If you saturate the color by 10%, you get **6C6D99**, and if you desaturate by 10%, it is **8A8B99**.

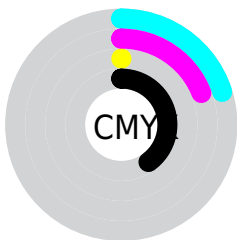
Distribution



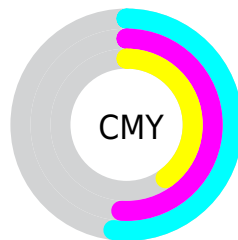
- Red (48%)
- Green (49%)
- Blue (60%)



- Red (48%)
- Yellow (49%)
- Blue (60%)



- Cyan (20%)
- Magenta (19%)
- Yellow (0%)
- Black (40%)



- Cyan (52%)
- Magenta (51%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B7C99 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 7B7C99 by changing the saturation by 10% instead.

■ 7B7C99

■ 7B7C99

FFFFFF

■ 62637F

■ B0B0CF

■ 4A4B66

■ CBCCEC

■ 33354E

■ E8E8FF

■ 1D2037

■ 070722

■ 000008

■ 000000

■ 7B7C99

■ 7B7C99

■ 6C6D99

■ 8A8B99

5C5E99

9A9A99

4D5099

A9A899

3E4199

B8B799

2F3299

C8C699

1F2399

D7D599

101499

E6E499

010699

F5F299

000599

FFFF99

Harmonies

Analogous

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



68819A



7B7C99



8D7790

Triad

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



7B7C99



987768



5F8679

Complementary

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



7B7C99



99987B

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.



6E846C



7B7C99



8D7C62

Square

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



7B7C99



9C7474



7E8063



578688

Rectangle

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



7B7C99



957588



7E8063



648674

Sweetspot

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



7B7C99



BBBBC7



7B9998



5C5D63



E3E3E3



636363

Same Dimension

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



7B7C99



9799C7



897B99



45454D



00058C



00000D

Inverse Universe

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



997B7C



C79799



8B997B



4D4545



8C0005



0D0000

Previews

White Background



This preview shows how the Hex color 7B7C99 looks on a white background.

Color Contrast Check

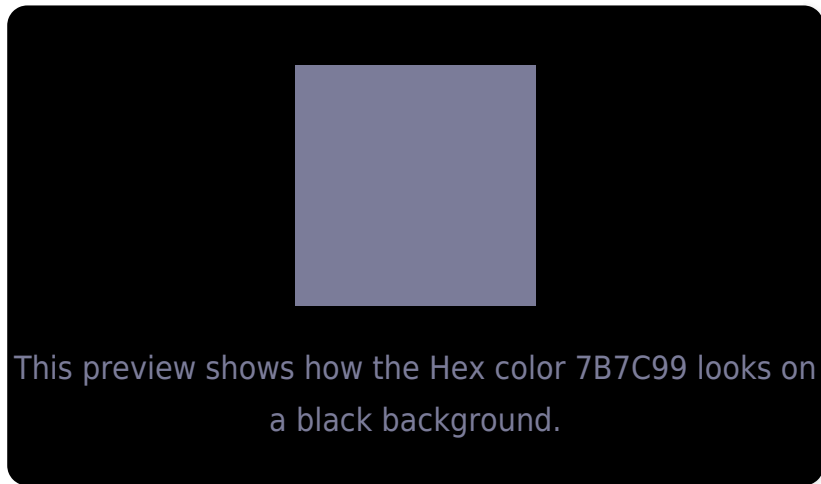
Large Text (above 18pt) WCAG AA ✓ Pass

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

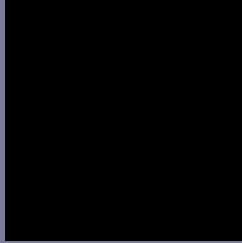
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

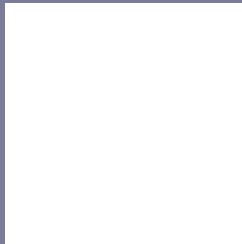
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 7B7C99 Background



This preview shows how black text looks on a background with the Hex color 7B7C99.



This preview shows how white text looks on a background with the Hex color 7B7C99.

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

7B7C99

Protanopia

787D9A

Deuteranopia

7D7B99



Tritanopia
787F89

Trichromacy



Original Color
7B7C99

Protanomaly
797D9A

Deuteranomaly
7C7B99

Tritanomaly
797E8F

Monochromacy



Original Color
7B7C99

Achromatopsia
7F7F7F

Achromatomaly
7E7E88

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B7C99 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 #7B7C99 looks like.

```
.text, #text, p{  
    color:#7B7C99  
}
```

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 #7B7C99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B7C99
}
```

Border

The CSS property to change the border of an element to Hex 7B7C99 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
#7B7C99 }
```

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

```
.border{ border-color:#7B7C99 }
```

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

Here you see how a box with a 4 pixel #7B7C99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B7C99; -webkit-box-shadow:4px 4px  
4px 4px #7B7C99; box-shadow:4px 4px 4px  
4px #7B7C99 }
```

Background

The CSS property to change the background color of an element to Hex 7B7C99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B7C99 }
```

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

```
.background{ background-color:#7B7C99 }
```

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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