

Converting Colors

Hex(7B7894)

Have a look what the booklet for
Hex(7B7894) contains.

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Color

Hex(7B7894)

Conversions

Conversions Part 1

Format	Color
Hex	7B7894
RGB	123, 120, 148
RGB Percent	48%, 47%, 58%
CMY	0.5176, 0.5294, 0.4196
CMYK	0.17, 0.19, 0.00, 0.42
HSL	246°, 12%, 53%
HSV	246°, 19%, 58%
XYZ	20.2301, 19.7820, 30.7690
YIQ	124.0890, -7.2000, 9.3440

Conversions

Conversions Part 2

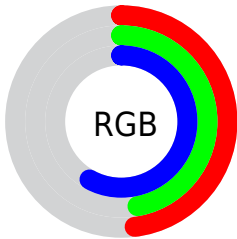
Format	Color
R_{YB}	123, 120, 148
Decimal	8091796
CIE _{Lab}	51.59, 7.20, -14.71
CIE _{LCh}	52, 16.376, 296.067
Yxy	19.7820, 0.2858, 0.2795
Android (android.graphics.Color)	4286281876 (0xFF7B7894)
YUV	124.0890, 11.7881, -0.9551
Hunter-Lab	44.4770, 3.3552, -9.8828

Details

The Hex color **7B7894** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **919478**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **B0ACCA**, and **4A4861** is the 20% darker color. If you saturate the color by 10%, you get **6E6994**, and if you desaturate by 10%, it is **888794**.

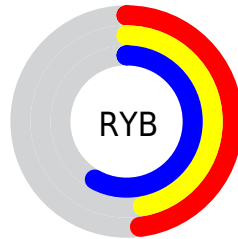
Distribution



Red (48%)

Green (47%)

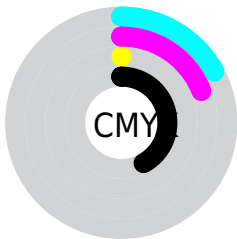
Blue (58%)



Red (48%)

Yellow (47%)

Blue (58%)

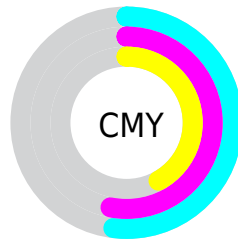


Cyan (17%)

Magenta (19%)

Yellow (0%)

Black (42%)



Cyan (52%)

Magenta (53%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B7894 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 7B7894 by changing the saturation by 10% instead.



7B7894



7B7894

FFFFFF



625F7A



B0ACCA



4A4861



CBC8E6



333149



E7E4FF



1D1C33



07021E



000001



000000



7B7894



7B7894



6E6994



888794

615A94

959694

534C94

A3A494

463D94

B0B394

392E94

BDC294

2C1F94

CAD194

1F1094

D7E094

110294

E5EE94

100094

F2FD94

Harmonies

Analogous

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



687D97



7B7894



8B748B

Triad

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



7B7894



937564



5B8379

Complementary

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



7B7894



919478

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.



68816B



7B7894



87795F

Square

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



7B7894



98726F



797E62



548387

Rectangle

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



7B7894



937282



797E62



5F8374

Sweetspot

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



7B7894



B5B4BF



789194



5B5A61



E0E0E0



616161

Same Dimension

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



7B7894



9893BF



897894



43434A



0F008A



01000A

Inverse Universe

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



947891



BF93BB



839478



4A4349



8A007B



0A0009

Previews

White Background



This preview shows how the Hex color 7B7894 looks on a white background.

Color Contrast Check

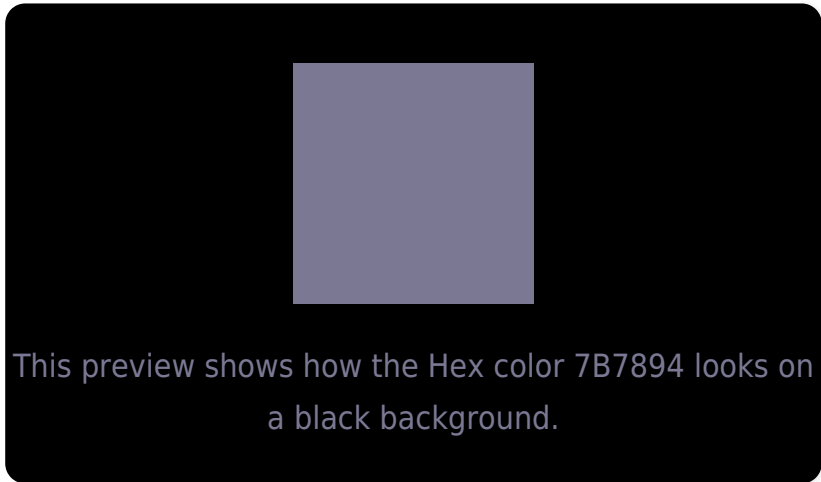
Large Text (above 18pt) WCAG AA ✓ Pass

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

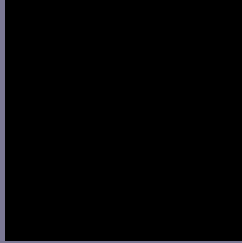
Any Text WCAG AA ✓ Pass

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 7B7894 Background



This preview shows how black text looks on a background with the Hex color 7B7894.



This preview shows how white text looks on a background with the Hex color 7B7894.

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
7B7894

Protanopia
757A95

Deuteranopia
7A7894



Tritanopia
787B84

Trichromacy



Original Color
7B7894

Protanomaly
777995

Deuteranomaly
7A7894

Tritanomaly
797A8A

Monochromacy



Original Color
7B7894

Achromatopsia
7C7C7C

Achromatomaly
7C7B85

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B7894 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 #7B7894 looks like.

```
.text, #text, p{  
    color:#7B7894  
}
```

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 #7B7894 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B7894  
}
```

Border

The CSS property to change the border of an element to Hex 7B7894 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  
#7B7894 }
```

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

```
.border{ border-color:#7B7894 }
```

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

Here you see how a box with a 4 pixel #7B7894 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B7894; -webkit-box-shadow:4px 4px  
4px 4px #7B7894; box-shadow:4px 4px 4px  
4px #7B7894 }
```

Background

The CSS property to change the background color of an element to Hex 7B7894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B7894 }
```

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

```
.background{ background-color:#7B7894 }
```

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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