

Converting Colors

Hex(7B7790)

Have a look what the booklet for
Hex(7B7790) contains.

Hex(7B7790)	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(7B7790)

Conversions

Conversions Part 1

Format	Color
Hex	7B7790
RGB	123, 119, 144
RGB Percent	48%, 47%, 56%
CMY	0.5176, 0.5333, 0.4353
CMYK	0.15, 0.17, 0.00, 0.44
HSL	250°, 10%, 52%
HSV	250°, 17%, 56%
XYZ	19.7992, 19.4182, 29.0901
YIQ	123.0460, -5.6410, 8.6230

Conversions

Conversions Part 2

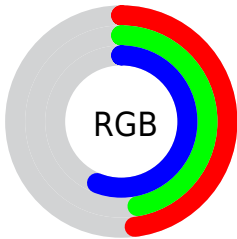
Format	Color
R_{YB}	123, 119, 144
Decimal	8091536
CIE Lab	51.17, 6.86, -13.00
CIE LCh	51, 14.696, 297.819
Yxy	19.4182, 0.2899, 0.2843
Android (android.graphics.Color)	4286281616 (0xFF7B7790)
YUV	123.0460, 10.3303, -0.0403
Hunter-Lab	44.0661, 3.0857, -8.2938

Details

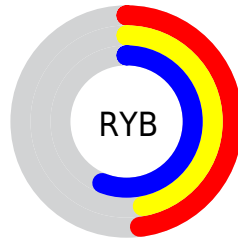
The Hex color **7B7790** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8C9077**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **B0ABC6**, and **4A475E** is the 20% darker color. If you saturate the color by 10%, you get **6F6990**, and if you desaturate by 10%, it is **878590**.

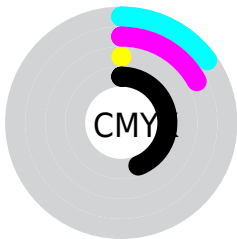
Distribution



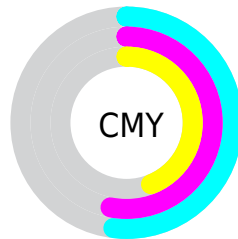
- Red (48%)
- Green (47%)
- Blue (56%)



- Red (48%)
- Yellow (47%)
- Blue (56%)



- Cyan (15%)
- Magenta (17%)
- Yellow (0%)
- Black (44%)



- Cyan (52%)
- Magenta (53%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B7790 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 7B7790 by changing the saturation by 10% instead.

■ 7B7790

■ 7B7790

FFFFFF

■ 625E76

■ B0ABC6

■ 4A475E

■ CBC6E2

■ 333046

■ E7E2FF

■ 1E1B30

■ 07001B

■ 000000

■ 7B7790

■ 7B7790

■ 6F6990

■ 878590

■ 635A90

■ 939490

574C90

9FA290

4B3D90

ABB190

3F2F90

B7BF90

322190

C4CD90

261290

D0DC90

1A0490

DCEA90

170090

E8F990

Harmonies

Analogous

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



6A7B93



7B7790



897387

Triad

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



7B7790



8F7565



5D8178

Complementary

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



7B7790



8C9077

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.



69806C



7B7790



857961

Square

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



7B7790



94726F



777D64



588185

Rectangle

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



7B7790



907280



777D64



608174

Sweetspot

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



7B7790



B2B1BA



778C90



5A595E



DEDEDE



5E5E5E

Same Dimension

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



7B7790



9993BA



877790



414047



160087



010008

Inverse Universe

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



90778C



BA93B4



809077



474046



870072



080006

Previews

White Background



This preview shows how the Hex color 7B7790 looks on a white background.

Color Contrast Check

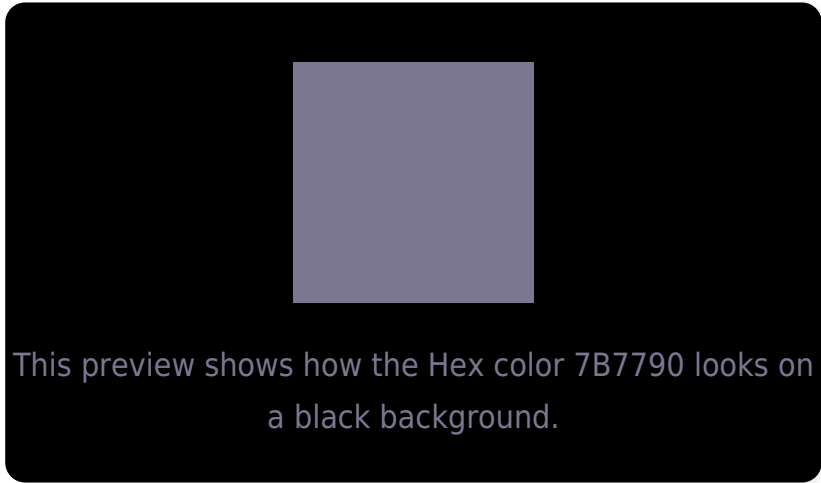
Large Text (above 18pt) WCAG AA ✓ Pass

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

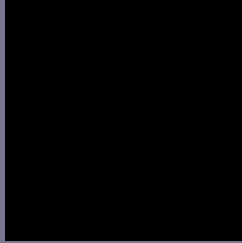
Any Text WCAG AA ✓ Pass

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 7B7790 Background



This preview shows how black text looks on a background with the Hex color 7B7790.



This preview shows how white text looks on a background with the Hex color 7B7790.

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
7B7790

Protanopia
757991

Deuteranopia
7B7790



Tritanopia
797983

Trichromacy



Original Color
7B7790

Protanomaly
777891

Deuteranomaly
7B7790

Tritanomaly
7A7888

Monochromacy



Original Color
7B7790

Achromatopsia
7B7B7B

Achromatomaly
7B7A83

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B7790 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 #7B7790 looks like.

```
.text, #text, p{  
    color:#7B7790  
}
```

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 #7B7790 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B7790
}
```

Border

The CSS property to change the border of an element to Hex 7B7790 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
#7B7790 }
```

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

```
.border{ border-color:#7B7790 }
```

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

Here you see how a box with a 4 pixel #7B7790 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B7790; -webkit-box-shadow:4px 4px  
4px 4px #7B7790; box-shadow:4px 4px 4px  
4px #7B7790 }
```

Background

The CSS property to change the background color of an element to Hex 7B7790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B7790 }
```

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

```
.background{ background-color:#7B7790 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor