

# Converting Colors

Hex(7C7791)

Have a look what the booklet for  
Hex(7C7791) contains.

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# Color

**Hex(7C7791)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7C7791
RGB	124, 119, 145
RGB Percent	49%, 47%, 57%
CMY	0.5137, 0.5333, 0.4314
CMYK	0.14, 0.18, 0.00, 0.43
HSL	252°, 11%, 52%
HSV	252°, 18%, 57%
XYZ	20.0198, 19.5231, 29.5012
YIQ	123.4590, -5.3660, 9.1460

# Conversions

## Conversions Part 2

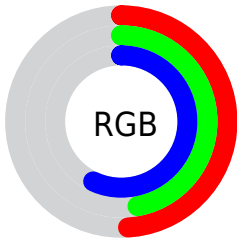
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	124, 119, 145
Decimal	8157073
CIE <sub>Lab</sub>	51.29, 7.43, -13.39
CIE <sub>LCh</sub>	51, 15.318, 299.035
Yxy	19.5231, 0.2900, 0.2828
Android (android.graphics.Color)	4286347153 (0xFF7C7791)
YUV	123.4590, 10.6197, 0.4745
Hunter-Lab	44.1849, 3.5533, -8.6571

# Details

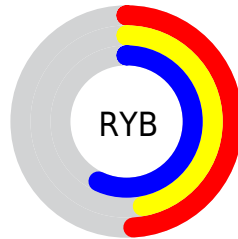
The Hex color **7C7791** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8C9177**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **B1ABC7**, and **4B475F** is the 20% darker color. If you saturate the color by 10%, you get **706991**, and if you desaturate by 10%, it is **888691**.

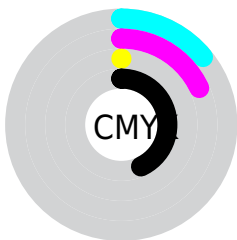
# Distribution



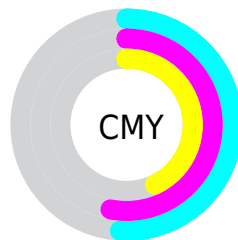
- Red (49%)
- Green (47%)
- Blue (57%)



- Red (49%)
- Yellow (47%)
- Blue (57%)



- Cyan (14%)
- Magenta (18%)
- Yellow (0%)
- Black (43%)



- Cyan (51%)
- Magenta (53%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C7791 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 7C7791 by changing the saturation by 10% instead.



■ 7C7791

■ 7C7791

FFFFFF

■ 635E77

■ B1ABC7

■ 4B475F

■ CCC6E3

■ 343047

■ E8E2FF

■ 1E1B30

■ 09001C

■ 000000

■ 7C7791

■ 7C7791

■ 706991

■ 888691

■ 655A91

■ 939491

■ 594C91

■ 9FA391

■ 4D3D91

■ ABB191

■ 412F91

■ B7C091

■ 362091

■ C2CE91

■ 2A1291

■ CEDD91

■ 1E0391

■ DAEB91

■ 1C0091

■ E5FA91

# Harmonies

## Analogous

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



6B7B94



7C7791



8B7388

# Triad

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



7C7791



907564



5B8279

# Complementary

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



7C7791



8C9177

# 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.



68806C



7C7791



857960

# Square

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



7C7791



95726E



767D63



568186

# Rectangle

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



7C7791



927180



767D63



5F8175



# Sweetspot

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



7C7791



B5B3BD



778C91



5A595E



DEDEDE



5E5E5E



# Same Dimension

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



7C7791



9B93BD



897791



424047



1A0087



010008



# Inverse Universe

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



91778C



BD93B5



7F9177



474046



87006D



080006



# Previews

## White Background



This preview shows how the Hex color 7C7791 looks on a white background.

## Color Contrast Check

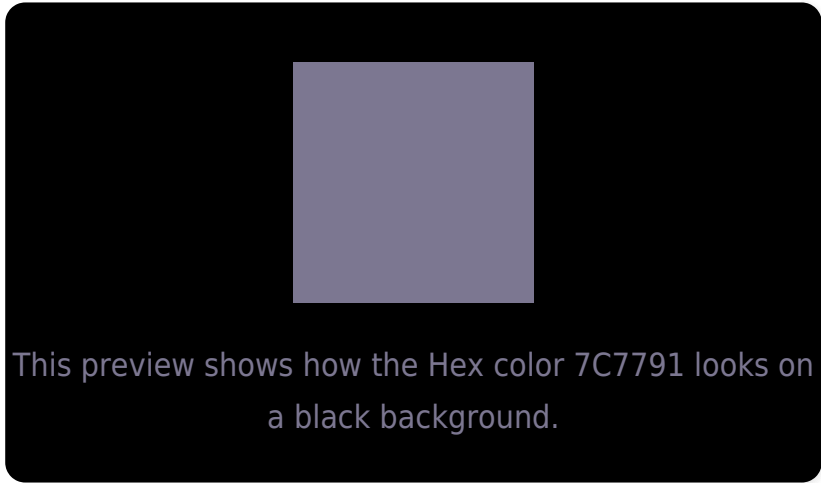
Large Text (above 18pt) WCAG AA ✓ Pass

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

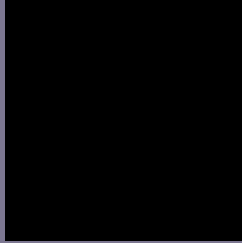
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7C7791 Background



This preview shows how black text looks on a background with the Hex color 7C7791.



This preview shows how white text looks on a background with the Hex color 7C7791.

# 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**  
7C7791

**Protanopia**  
757992

**Deuteranopia**  
7B7791



**Tritanopia**  
7A7983

# Trichromacy



**Original Color**

7C7791

**Protanomaly**

787892

**Deuteranomaly**

7B7791

**Tritanomaly**

7B7888

# Monochromacy



**Original Color**

7C7791

**Achromatopsia**

7B7B7B

**Achromatomaly**

7B7A83

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C7791 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 #7C7791 looks like.

```
.text, #text, p{  
    color:#7C7791  
}
```

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 #7C7791 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C7791
}
```

## Border

The CSS property to change the border of an element to Hex 7C7791 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
#7C7791 }
```

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

```
.border{ border-color:#7C7791 }
```

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

Here you see how a box with a 4 pixel #7C7791 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C7791; -webkit-box-shadow:4px 4px  
4px 4px #7C7791; box-shadow:4px 4px 4px  
4px #7C7791 }
```

# Background

The CSS property to change the background color of an element to Hex 7C7791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C7791 }
```

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

```
.background{ background-color:#7C7791 }
```

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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