

# Converting Colors

Hex(7B4D80)

Have a look what the booklet for  
Hex(7B4D80) contains.

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# Color

**Hex(7B4D80)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B4D80
RGB	123, 77, 128
RGB Percent	48%, 30%, 50%
CMY	0.5176, 0.6980, 0.4980
CMYK	0.04, 0.40, 0.00, 0.50
HSL	294°, 25%, 40%
HSV	294°, 40%, 50%
XYZ	14.7185, 11.0772, 21.7844
YIQ	96.5680, 11.0450, 25.6130

# Conversions

## Conversions Part 2

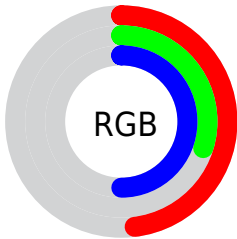
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 77, 128
Decimal	8080768
CIE <sub>Lab</sub>	39.71, 28.37, -20.92
CIE <sub>LCh</sub>	40, 35.251, 323.592
Yxy	11.0772, 0.3093, 0.2328
Android (android.graphics.Color)	4286270848 (0xFF7B4D80)
YUV	96.5680, 15.4960, 23.1809
Hunter-Lab	33.2825, 20.6939, -15.5095

# Details

The Hex color **7B4D80** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **52804D**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **B07FB5**, and **491E4F** is the 20% darker color. If you saturate the color by 10%, you get **7A4080**, and if you desaturate by 10%, it is **7C5A80**.

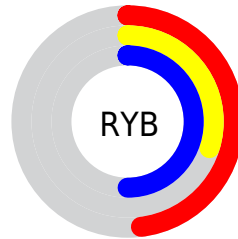
# Distribution



Red (48%)

Green (30%)

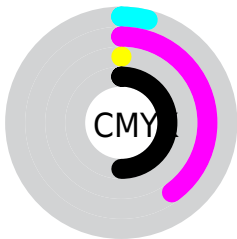
Blue (50%)



Red (48%)

Yellow (30%)

Blue (50%)

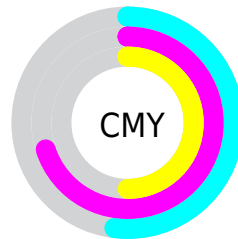


Cyan (4%)

Magenta (40%)

Yellow (0%)

Black (50%)



Cyan (52%)

Magenta (70%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B4D80 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 7B4D80 by changing the saturation by 10% instead.



7B4D80

7B4D80

FFFFFF

613567

B07FB5

491E4F

CC99D1

310738

E9B4ED

1F0022

FFD0FF

000008

FFEDFF

000000

7B4D80

7B4D80

7A4080

7C5A80

783380

7E6780

772780

7F7380

761A80

808080

750D80

818D80

730080

839A80

84A780

85B380

86C080

# Harmonies

## Analogous

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



555892



7B4D80



8F4565

# Triad

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



7B4D80



735A22



006C74

# Complementary

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



7B4D80



52804D

# 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.



006C56



7B4D80



586326

# Square

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



7B4D80



884F30



34693A



00698B

# Rectangle

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



7B4D80



934552



34693A



006C6A



# Sweetspot

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



7B4D80



A492A6



4D5280



534854



D4D4D4



545454



# Same Dimension

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



7B4D80



9E56A6



804D6C



3F3940



730080



000000



# Inverse Universe

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



804D52



A6565E



4D8061



40393A



80000C

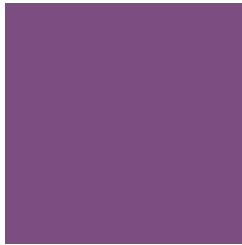


000000



# Previews

## White Background



This preview shows how the Hex color 7B4D80 looks on a white background.

## Color Contrast Check

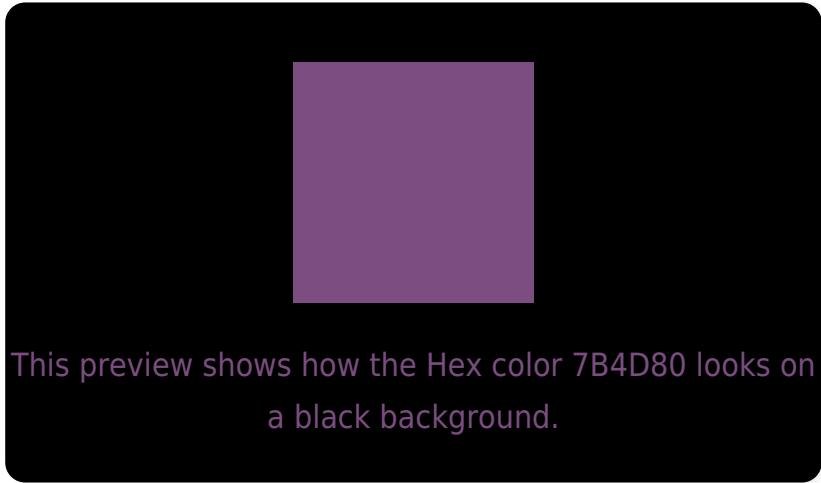
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

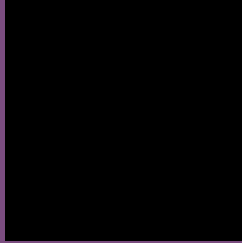
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7B4D80 Background



This preview shows how black text looks on a background with the Hex color 7B4D80.



This preview shows how white text looks on a background with the Hex color 7B4D80.

# 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**  
7B4D80

**Protanopia**  
4E5C8C

**Deuteranopia**  
565C7D



**Tritanopia**  
76555B

# Trichromacy



**Original Color**  
7B4D80

**Protanomaly**  
5E5788

**Deuteranomaly**  
63577E

**Tritanomaly**  
785268

# Monochromacy



**Original Color**  
7B4D80

**Achromatopsia**  
616161

**Achromatomaly**  
6A5A6C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B4D80 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 #7B4D80 looks like.

```
.text, #text, p{  
    color:#7B4D80  
}
```

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 #7B4D80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B4D80
}
```

## Border

The CSS property to change the border of an element to Hex 7B4D80 is called "border". The border property can be set on classes, ids or directly on the HTML element.

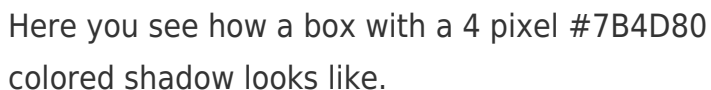
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B4D80 }
```

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

```
.border{ border-color:#7B4D80 }
```

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



Here you see how a box with a 4 pixel #7B4D80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B4D80; -webkit-box-shadow:4px 4px  
4px 4px #7B4D80; box-shadow:4px 4px 4px  
4px #7B4D80 }
```

# Background

The CSS property to change the background color of an element to Hex 7B4D80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B4D80 }
```

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

```
.background{ background-color:#7B4D80 }
```

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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