

# Converting Colors

Hex(7C6E97)

Have a look what the booklet for  
Hex(7C6E97) contains.

<b>Hex(7C6E97)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(7C6E97)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7C6E97
RGB	124, 110, 151
RGB Percent	49%, 43%, 59%
CMY	0.5137, 0.5686, 0.4078
CMYK	0.18, 0.27, 0.00, 0.41
HSL	260°, 16%, 51%
HSV	260°, 27%, 59%
XYZ	19.4740, 17.6713, 31.6627
YIQ	118.8600, -4.8170, 15.7190

# Conversions

## Conversions Part 2

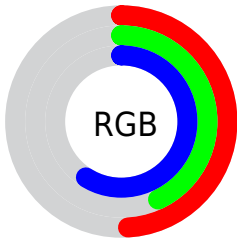
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	124, 110, 151
Decimal	8154775
CIE <sub>Lab</sub>	49.09, 14.18, -20.27
CIE <sub>LCh</sub>	49, 24.739, 304.980
Yxy	17.6713, 0.2830, 0.2568
Android (android.graphics.Color)	4286344855 (0xFF7C6E97)
YUV	118.8600, 15.8450, 4.5078
Hunter-Lab	42.0373, 9.1260, -15.2314

# Details

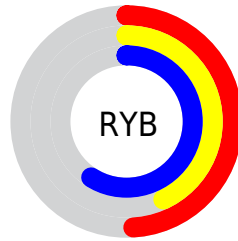
The Hex color **7C6E97** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **89976E**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **B1A2CD**, and **4A3E64** is the 20% darker color. If you saturate the color by 10%, you get **725F97**, and if you desaturate by 10%, it is **867D97**.

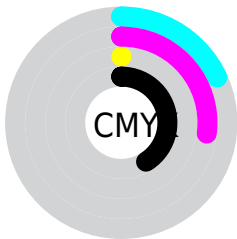
# Distribution



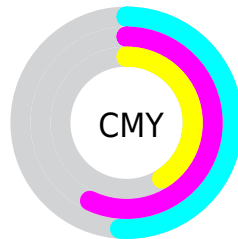
- Red (49%)
- Green (43%)
- Blue (59%)



- Red (49%)
- Yellow (43%)
- Blue (59%)



- Cyan (18%)
- Magenta (27%)
- Yellow (0%)
- Black (41%)



- Cyan (51%)
- Magenta (57%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C6E97 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 7C6E97 by changing the saturation by 10% instead.





7C6E97



7C6E97

FFFFFF



63567D



B1A2CD



4A3E64



CDBDEA



33284C



E9D8FF



1D1435



FFF5FF



050020



000004



000000



7C6E97



7C6E97



725F97



867D97

685097

908C97

5E4197

9A9B97

543297

A4AA97

4A2397

AEBA97

401397

B8C997

360497

C2D897

340097

CCE797

D5F697

# Harmonies

## Analogous

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



5E759E



7C6E97



926787

# Triad

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



7C6E97



926D4F



388078

# Complementary

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



7C6E97



89976E

# 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.



507F62



7C6E97



80744B

# Square

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



7C6E97



9D675E



697B52



2D7F8C

# Rectangle

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



7C6E97



9B6579



697B52



408070



# Sweetspot

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



7C6E97



BAB5C4



6E8997



5D5A63



E3E3E3



636363



# Same Dimension

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



7C6E97



9A84C4



906E97



47454D



30008C



04000D



# Inverse Universe

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



976E89



C484AE



75976E



4D454A



8C005C

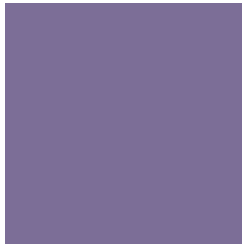


0D0008



# Previews

## White Background



This preview shows how the Hex color 7C6E97 looks on a white background.

## Color Contrast Check

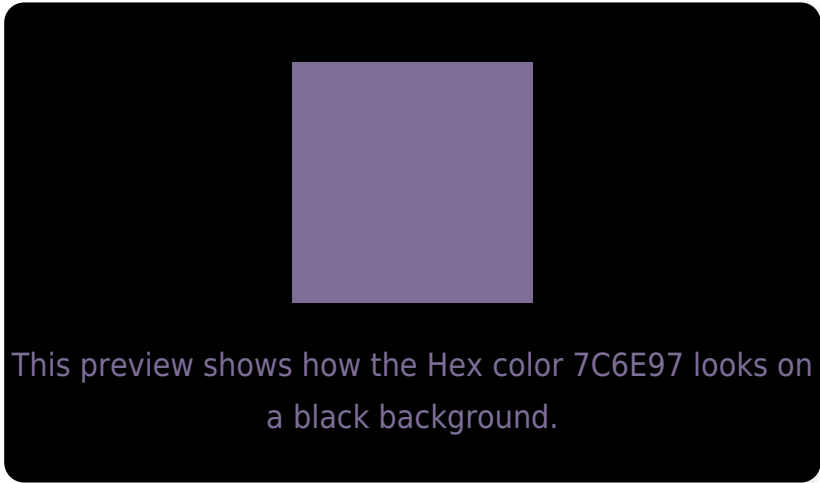
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

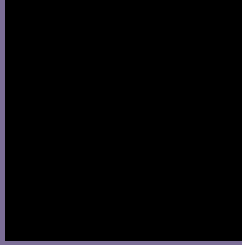
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7C6E97 Background



This preview shows how black text looks on a background with the Hex color 7C6E97.



This preview shows how white text looks on a background with the Hex color 7C6E97.

# 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**  
7C6E97

**Protanopia**  
6A739B

**Deuteranopia**  
6E7396



**Tritanopia**  
77737C

# Trichromacy



**Original Color**  
7C6E97

**Protanomaly**  
71719A

**Deuteranomaly**  
737196

**Tritanomaly**  
797186

# Monochromacy



**Original Color**  
7C6E97

**Achromatopsia**  
777777

**Achromatomaly**  
797483

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C6E97 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 #7C6E97 looks like.

```
.text, #text, p{  
    color:#7C6E97  
}
```

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 #7C6E97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C6E97
}
```

## Border

The CSS property to change the border of an element to Hex 7C6E97 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
#7C6E97 }
```

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

```
.border{ border-color:#7C6E97 }
```

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

Here you see how a box with a 4 pixel #7C6E97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C6E97; -webkit-box-shadow:4px 4px  
4px 4px #7C6E97; box-shadow:4px 4px 4px  
4px #7C6E97 }
```

# Background

The CSS property to change the background color of an element to Hex 7C6E97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C6E97 }
```

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

```
.background{ background-color:#7C6E97 }
```

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