

# Converting Colors

Hex(7B577F)

Have a look what the booklet for  
Hex(7B577F) contains.

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# Color

**Hex(7B577F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B577F
RGB	123, 87, 127
RGB Percent	48%, 34%, 50%
CMY	0.5176, 0.6588, 0.5020
CMYK	0.03, 0.31, 0.00, 0.50
HSL	294°, 19%, 42%
HSV	294°, 31%, 50%
XYZ	15.4073, 12.5596, 21.6909
YIQ	102.3240, 8.6160, 20.0720

# Conversions

## Conversions Part 2

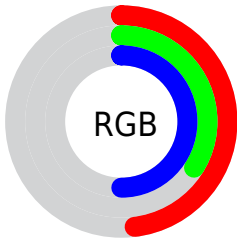
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 87, 127
Decimal	8083327
CIE <sub>Lab</sub>	42.09, 22.23, -16.65
CIE <sub>LCh</sub>	42, 27.772, 323.168
Yxy	12.5596, 0.3103, 0.2529
Android (android.graphics.Color)	4286273407 (0xFF7B577F)
YUV	102.3240, 12.1653, 18.1329
Hunter-Lab	35.4396, 15.5835, -11.4808

# Details

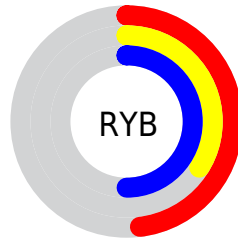
The Hex color **7B577F** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5B7F57**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **B089B4**, and **49294E** is the 20% darker color. If you saturate the color by 10%, you get **7A4A7F**, and if you desaturate by 10%, it is **7C647F**.

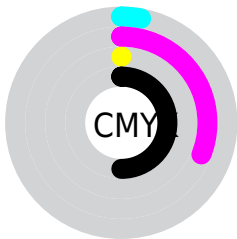
# Distribution



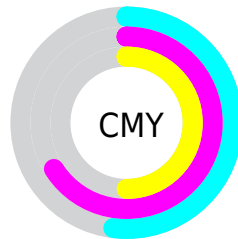
- Red (48%)
- Green (34%)
- Blue (50%)



- Red (48%)
- Yellow (34%)
- Blue (50%)



- Cyan (3%)
- Magenta (31%)
- Yellow (0%)
- Black (50%)



- Cyan (52%)
- Magenta (66%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B577F 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 7B577F by changing the saturation by 10% instead.



7B577F

7B577F

FFFFFF

623F66

B089B4

49294E

CCA4CF

321337

E8BFEC

1F0022

FFDBFF

000007

FFF8FF

000000

7B577F

7B577F

7A4A7F

7C647F

783E7F

7E707F

77317F

7F7D7F

76247F

808A7F

75187F

81977F

730B7F

83A37F

72007F

84B07F

85BD7F

86C97F

# Harmonies

## Analogous

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



5E5F8D



7B577F



8C526A

# Triad

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



7B577F



776036



006F75

# Complementary

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



7B577F



5B7F57

# 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.



246F5D



7B577F



606738

# Square

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



7B577F



875840



456C47



006D87

# Rectangle

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



7B577F



90515A



456C47



006F6D



# Sweetspot

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



7B577F



A497A6



575B7F



534B54



D4D4D4



545454



# Same Dimension

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



7B577F



9F67A6



7F576F



3F3940



730080



000000



# Inverse Universe

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



7F575B



A6676D



577F67



40393A



80000D

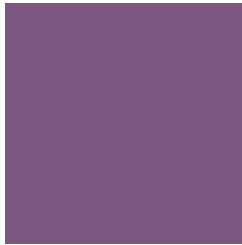


000000



# Previews

## White Background



This preview shows how the Hex color 7B577F looks on a white background.

## Color Contrast Check

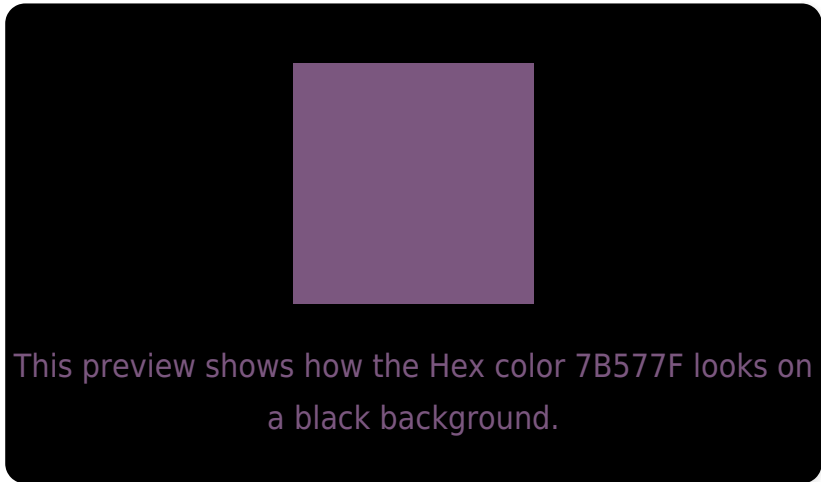
Large Text (above 18pt) WCAG AA ✓ Pass

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

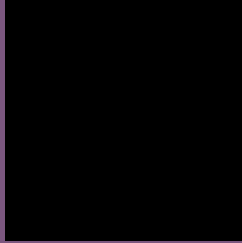
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7B577F Background



This preview shows how black text looks on a background with the Hex color 7B577F.




This preview shows how white text looks on a background with the Hex color 7B577F.

# 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





**Tritanopia**  
775C64

# Trichromacy



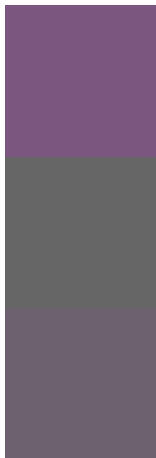
**Original Color**  
7B577F

**Protanomaly**  
655E84

**Deuteranomaly**  
6A5E7E

**Tritanomaly**  
785A6E

# Monochromacy



**Original Color**  
7B577F

**Achromatopsia**  
666666

**Achromatomaly**  
6E616F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B577F 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 #7B577F looks like.

```
.text, #text, p{  
    color:#7B577F  
}
```

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 #7B577F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B577F
}
```

## Border

The CSS property to change the border of an element to Hex 7B577F is called "border". The border property can be set on classes, ids or directly on the HTML element.

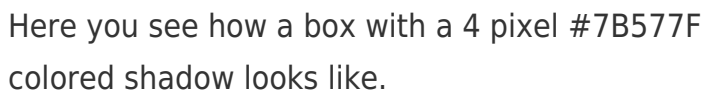
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B577F }
```

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

```
.border{ border-color:#7B577F }
```

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



Here you see how a box with a 4 pixel #7B577F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B577F; -webkit-box-shadow:4px 4px  
4px 4px #7B577F; box-shadow:4px 4px 4px  
4px #7B577F }
```

# Background

The CSS property to change the background color of an element to Hex 7B577F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B577F }
```

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

```
.background{ background-color:#7B577F }
```

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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