

# Converting Colors

Hex(7B5B7D)

Have a look what the booklet for  
Hex(7B5B7D) contains.

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# Color

**Hex(7B5B7D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B5B7D
RGB	123, 91, 125
RGB Percent	48%, 36%, 49%
CMY	0.5176, 0.6431, 0.5098
CMYK	0.02, 0.27, 0.00, 0.51
HSL	296°, 16%, 42%
HSV	296°, 27%, 49%
XYZ	15.6111, 13.1738, 21.1220
YIQ	104.4440, 8.1580, 17.3580

# Conversions

## Conversions Part 2

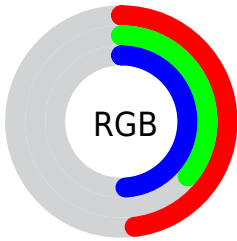
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 91, 125
Decimal	8084349
CIE <sub>Lab</sub>	43.02, 19.41, -14.01
CIE <sub>LCh</sub>	43, 23.938, 324.174
Yxy	13.1738, 0.3128, 0.2640
Android (android.graphics.Color)	4286274429 (0xFF7B5B7D)
YUV	104.4440, 10.1341, 16.2736
Hunter-Lab	36.2957, 13.2570, -9.0964

# Details

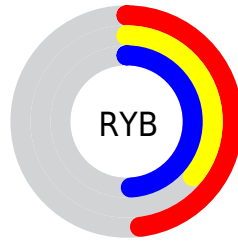
The Hex color **7B5B7D** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5D7D5B**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **B08DB2**, and **4A2D4C** is the 20% darker color. If you saturate the color by 10%, you get **7A4F7D**, and if you desaturate by 10%, it is **7C687D**.

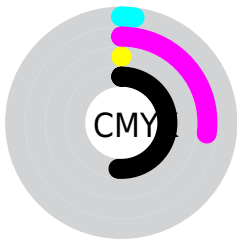
# Distribution



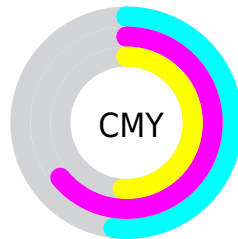
- Red (48%)
- Green (36%)
- Blue (49%)



- Red (48%)
- Yellow (36%)
- Blue (49%)



- Cyan (2%)
- Magenta (27%)
- Yellow (0%)
- Black (51%)



- Cyan (52%)
- Magenta (64%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B5B7D 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 7B5B7D by changing the saturation by 10% instead.



7B5B7D

7B5B7D

FFFFFF

624364

B08DB2

4A2D4C

CCA8CD

321735

E8C3E9

1F0020

FFDFFF

000005

FFFCFF

000000

7B5B7D

7B5B7D

7A4F7D

7C687D

7A427D

7C747D

79367D

7D817D

78297D

7E8D7D

771D7D

7F9A7D

77107D

7FA67D

76047D

80B37D

76007D

81BF7D

82CC7D

# Harmonies

## Analogous

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



63628A



7B5B7D



89576A

# Triad

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



7B5B7D



77633E



1E7075

# Complementary

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



7B5B7D



5D7D5B

# 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.



337061



7B5B7D



636941

# Square

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



7B5B7D



855C46



4C6E4E



266E85

# Rectangle

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



7B5B7D



8D575D



4C6E4E



24706F



# Sweetspot

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



7B5B7D



A296A3



5B5D7D



514952



D1D1D1



525252



# Same Dimension

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



7B5B7D



A06DA3



7D5B6E



3F3940



780080



000000



# Inverse Universe

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



7D5B5D



A36D71



5B7D6A



40393A



800007

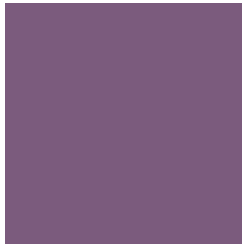


000000



# Previews

## White Background



This preview shows how the Hex color 7B5B7D looks on a white background.

## Color Contrast Check

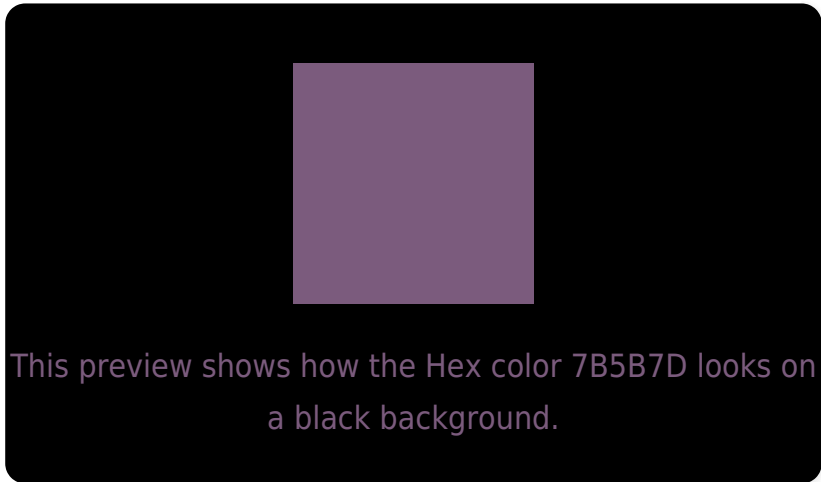
Large Text (above 18pt) WCAG AA ✓ Pass

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

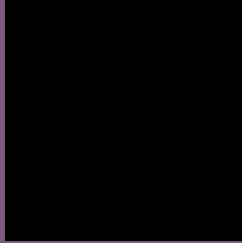
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7B5B7D Background



This preview shows how black text looks on a background with the Hex color 7B5B7D.



This preview shows how white text looks on a background with the Hex color 7B5B7D.

# 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**  
785F67

# Trichromacy



**Original Color**  
7B5B7D

**Protanomaly**  
696181

**Deuteranomaly**  
6D617C

**Tritanomaly**  
795E6F

# Monochromacy



**Original Color**  
7B5B7D

**Achromatopsia**  
686868

**Achromatomaly**  
6F6370

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B5B7D 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 #7B5B7D looks like.

```
.text, #text, p{  
    color:#7B5B7D  
}
```

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 #7B5B7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B5B7D
}
```

## Border

The CSS property to change the border of an element to Hex 7B5B7D is called "border". The border property can be set on classes, ids or directly on the HTML element.

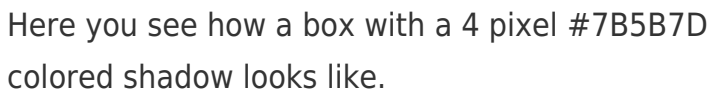
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B5B7D }
```

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

```
.border{ border-color:#7B5B7D }
```

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



Here you see how a box with a 4 pixel #7B5B7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B5B7D; -webkit-box-shadow:4px 4px  
4px 4px #7B5B7D; box-shadow:4px 4px 4px  
4px #7B5B7D }
```

# Background

The CSS property to change the background color of an element to Hex 7B5B7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B5B7D }
```

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

```
.background{ background-color:#7B5B7D }
```

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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