

# Converting Colors

Hex(7B3782)

Have a look what the booklet for  
Hex(7B3782) contains.

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# Color

Hex(7B3782)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B3782
RGB	123, 55, 130
RGB Percent	48%, 22%, 51%
CMY	0.5176, 0.7843, 0.4902
CMYK	0.05, 0.58, 0.00, 0.49
HSL	294°, 41%, 36%
HSV	294°, 58%, 51%
XYZ	13.5638, 8.5550, 22.0555
YIQ	83.8820, 16.4530, 37.7410

# Conversions

## Conversions Part 2

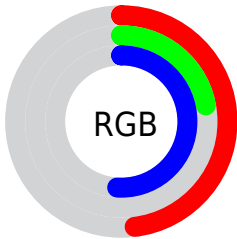
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 55, 130
Decimal	8075138
CIE <sub>Lab</sub>	35.11, 40.97, -29.33
CIE <sub>LCh</sub>	35, 50.389, 324.401
Yxy	8.5550, 0.3071, 0.1937
Android (android.graphics.Color)	4286265218 (0xFF7B3782)
YUV	83.8820, 22.7362, 34.3065
Hunter-Lab	29.2490, 31.5913, -24.2339

# Details

The Hex color **7B3782** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3E8237**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **B16AB7**, and **470050** is the 20% darker color. If you saturate the color by 10%, you get **7A2A82**, and if you desaturate by 10%, it is **7C4482**.

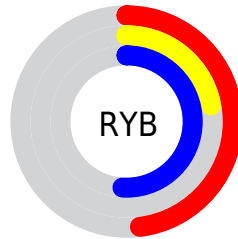
# Distribution



Red (48%)

Green (22%)

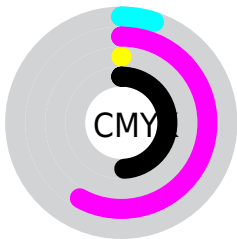
Blue (51%)



Red (48%)

Yellow (22%)

Blue (51%)

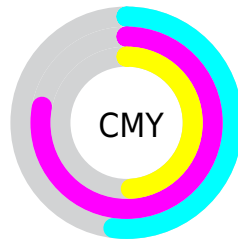


Cyan (5%)

Magenta (58%)

Yellow (0%)

Black (49%)



Cyan (52%)

Magenta (78%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B3782 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 7B3782 by changing the saturation by 10% instead.



7B3782

7B3782

FFFFFF

611E69

B16AB7

470050

CE84D3

2F0039

EA9FF0

160023

FFBAFF

000009

FFD6FF

000000

FFF3FF

7B3782

7B3782

7A2A82

7C4482

791D82

7D5182

771082

7F5E82

760382

806B82

760082

817882

828582

839282

859F82

86AC82

# Harmonies

## Analogous

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



404B9C



7B3782



95265C

# Triad

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



7B3782



6B4E00



006473

# Complementary

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



7B3782



3E8237

# 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.



006449



7B3782



455A00

# Square

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



7B3782



883D0E



006120



006294

# Rectangle

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



7B3782



992641



006120



006565



# Sweetspot

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



7B3782



A68CA8



373E82



534354



D4D4D4



545454



# Same Dimension

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



7B3782



9D34A8



823764



3F3940



740080



000000



# Inverse Universe

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



82373E



A8343F



378255



40393A



80000C



000000



# Previews

## White Background



This preview shows how the Hex color 7B3782 looks on a white background.

## Color Contrast Check

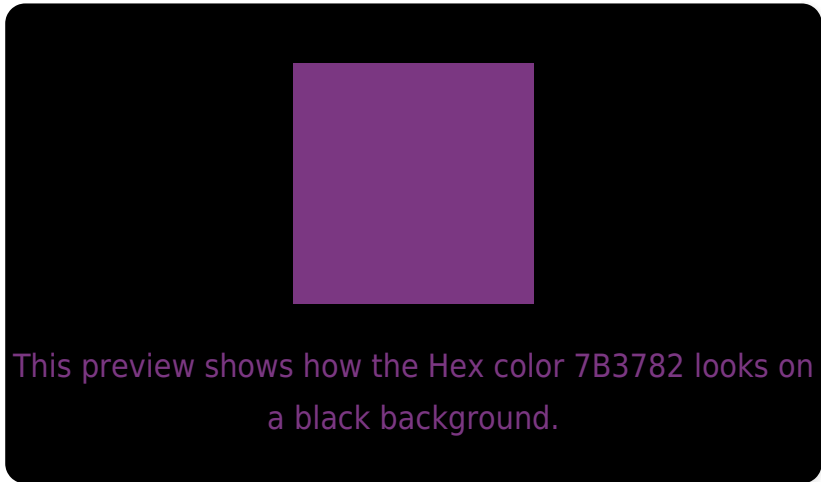
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

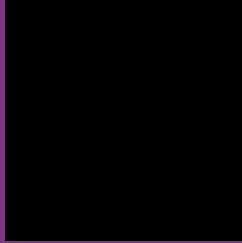
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7B3782 Background



This preview shows how black text looks on a background with the Hex color 7B3782.

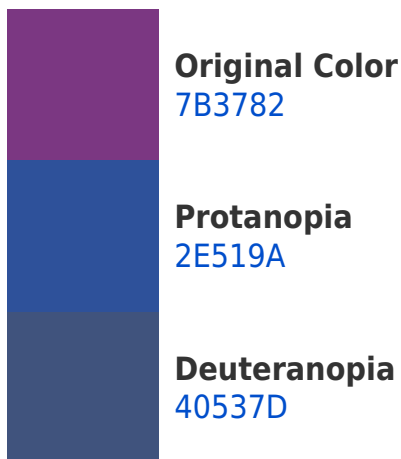


This preview shows how white text looks on a background with the Hex color 7B3782.

# 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**  
74464B

# Trichromacy



**Original Color**  
7B3782



**Protanomaly**  
4A4891



**Deuteranomaly**  
55497F



**Tritanomaly**  
77415F

# Monochromacy



**Original Color**  
7B3782



**Achromatopsia**  
545454



**Achromatomaly**  
624965

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B3782 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 #7B3782 looks like.

```
.text, #text, p{  
    color:#7B3782  
}
```

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 #7B3782 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B3782
}
```

## Border

The CSS property to change the border of an element to Hex 7B3782 is called "border". The border property can be set on classes, ids or directly on the HTML element.

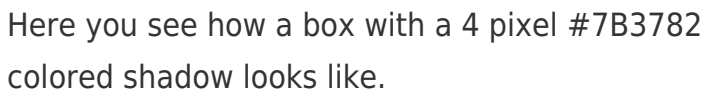
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B3782 }
```

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

```
.border{ border-color:#7B3782 }
```

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



Here you see how a box with a 4 pixel #7B3782 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B3782; -webkit-box-shadow:4px 4px  
4px 4px #7B3782; box-shadow:4px 4px 4px  
4px #7B3782 }
```

# Background

The CSS property to change the background color of an element to Hex 7B3782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B3782 }
```

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

```
.background{ background-color:#7B3782 }
```

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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