

# Converting Colors

Hex(7B3F66)

Have a look what the booklet for  
Hex(7B3F66) contains.

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# Color

**Hex(7B3F66)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B3F66
RGB	123, 63, 102
RGB Percent	48%, 25%, 40%
CMY	0.5176, 0.7529, 0.6000
CMYK	0.00, 0.49, 0.17, 0.52
HSL	321°, 32%, 36%
HSV	321°, 49%, 48%
XYZ	12.3442, 8.7253, 13.6039
YIQ	85.3860, 23.2410, 24.8490

# Conversions

## Conversions Part 2

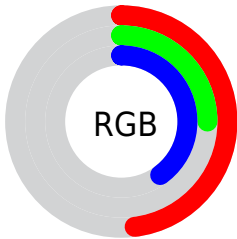
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 63, 102
Decimal	8077158
CIE <sub>Lab</sub>	35.45, 31.44, -11.28
CIE <sub>LCh</sub>	35, 33.403, 340.268
Yxy	8.7253, 0.3560, 0.2516
Android (android.graphics.Color)	4286267238 (0xFF7B3F66)
YUV	85.3860, 8.1907, 32.9875
Hunter-Lab	29.5386, 22.9026, -6.6288

# Details

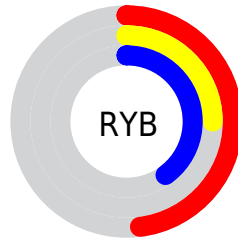
The Hex color **7B3F66** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3F7B54**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **B17199**, and **480F37** is the 20% darker color. If you saturate the color by 10%, you get **7B3362**, and if you desaturate by 10%, it is **7B4B6A**.

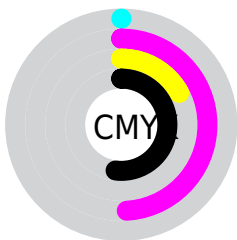
# Distribution



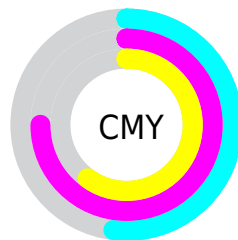
- Red (48%)
- Green (25%)
- Blue (40%)



- Red (48%)
- Yellow (25%)
- Blue (40%)



- Cyan (0%)
- Magenta (49%)
- Yellow (17%)
- Black (52%)



- Cyan (52%)
- Magenta (75%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B3F66 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 7B3F66 by changing the saturation by 10% instead.



 7B3F66

 7B3F66

FFFFFF

 61274E

 B17199

 480F37

 CD8BB4

 300022

 EAA5CF

 160009

 FFC1EC

 000000

 FFDDFF

 FFFAFF

 7B3F66

 7B3F66

 7B3362

 7B4B6A

■ 7B265D

■ 7B586F

■ 7B1A59

■ 7B6473

■ 7B0E55

■ 7B7077

■ 7B0250

■ 7B7D7C

■ 7B0050

■ 7B8980

■ 7B9584

■ 7BA188

■ 7BAE8D

# Harmonies

## Analogous

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



61497C



7B3F66



853C4B

# Triad

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



7B3F66



5A551C



005F75

# Complementary

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



7B3F66



3F7B54

# 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.



00615C



7B3F66



3D5C29

# Square

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



7B3F66



714C20



0E5F40



005B85

# Rectangle

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



7B3F66



833F3A



0E5F40



00606D



# Sweetspot

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



7B3F66



A18998



543F7B



52434C



D1D1D1



525252



# Same Dimension

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



7B3F66



A1427F



7B3F48



3D373B



7D0051



FC00A4



# Inverse Universe

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



7B3F66



A1427F



3F7B72



3D373B



7D0051

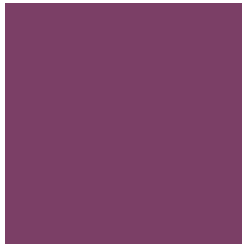


FC00A4



# Previews

## White Background



This preview shows how the Hex color 7B3F66 looks on a white background.

## Color Contrast Check

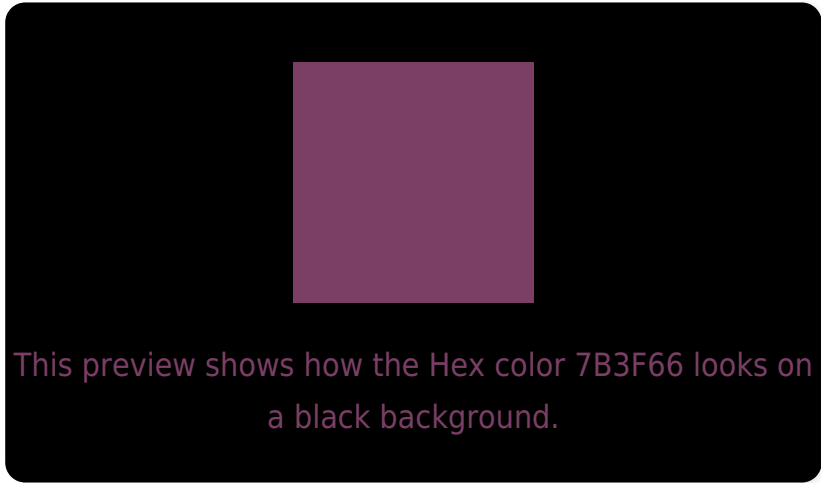
Large Text (above 18pt) WCAG AA ✓ Pass

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

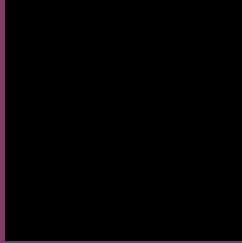
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7B3F66 Background



This preview shows how black text looks on a background with the Hex color 7B3F66.

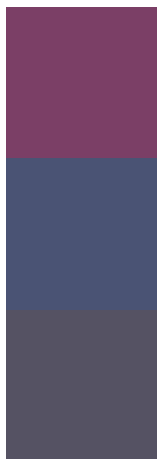


This preview shows how white text looks on a background with the Hex color 7B3F66.

# 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**  
7B3F66

**Protanopia**  
4A5374

**Deuteranopia**  
555263



**Tritanopia**  
78454A

# Trichromacy



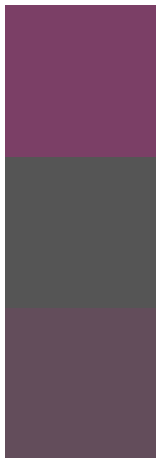
**Original Color**  
7B3F66

**Protanomaly**  
5C4C6F

**Deuteranomaly**  
634B64

**Tritanomaly**  
794354

# Monochromacy



**Original Color**  
7B3F66

**Achromatopsia**  
555555

**Achromatomaly**  
634D5B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B3F66 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 #7B3F66 looks like.

```
.text, #text, p{  
    color:#7B3F66  
}
```

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 #7B3F66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B3F66  
}
```

## Border

The CSS property to change the border of an element to Hex 7B3F66 is called "border". The border property can be set on classes, ids or directly on the HTML element.

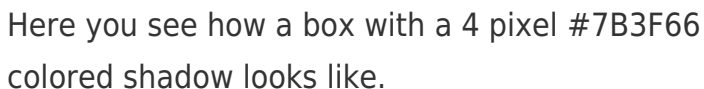
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#7B3F66 }
```

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

```
.border{ border-color:#7B3F66 }
```

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



Here you see how a box with a 4 pixel #7B3F66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B3F66; -webkit-box-shadow:4px 4px  
4px 4px #7B3F66; box-shadow:4px 4px 4px  
4px #7B3F66 }
```

# Background

The CSS property to change the background color of an element to Hex 7B3F66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B3F66 }
```

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

```
.background{ background-color:#7B3F66 }
```

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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