

# Converting Colors

Hex(7B3F68)

Have a look what the booklet for  
Hex(7B3F68) contains.

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# Color

**Hex(7B3F68)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B3F68
RGB	123, 63, 104
RGB Percent	48%, 25%, 41%
CMY	0.5176, 0.7529, 0.5922
CMYK	0.00, 0.49, 0.15, 0.52
HSL	319°, 32%, 36%
HSV	319°, 49%, 48%
XYZ	12.4446, 8.7654, 14.1327
YIQ	85.6140, 22.5990, 25.4710

# Conversions

## Conversions Part 2

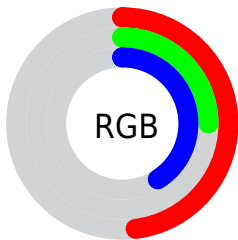
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 63, 104
Decimal	8077160
CIE <sub>Lab</sub>	35.53, 31.79, -12.42
CIE <sub>LCh</sub>	36, 34.127, 338.657
Yxy	8.7654, 0.3521, 0.2480
Android (android.graphics.Color)	4286267240 (0xFF7B3F68)
YUV	85.6140, 9.0643, 32.7875
Hunter-Lab	29.6065, 23.2180, -7.5776

# Details

The Hex color **7B3F68** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3F7B52**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **B1719B**, and **480F39** is the 20% darker color. If you saturate the color by 10%, you get **7B3364**, and if you desaturate by 10%, it is **7B4B6C**.

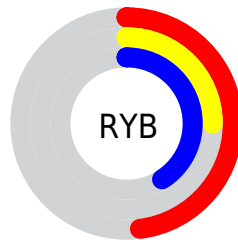
# Distribution



Red (48%)

Green (25%)

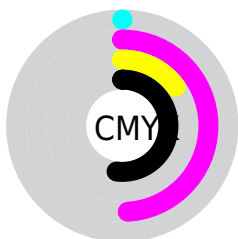
Blue (41%)



Red (48%)

Yellow (25%)

Blue (41%)

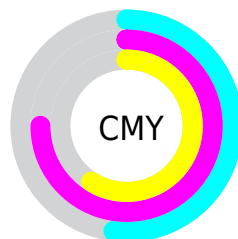


Cyan (0%)

Magenta (49%)

Yellow (15%)

Black (52%)



Cyan (52%)

Magenta (75%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B3F68 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 7B3F68 by changing the saturation by 10% instead.



7B3F68

7B3F68

FFFFFF

612750

B1719B

480F39

CD8BB6

300023

EAA5D2

16000C

FFC1EE

000000

FFDDFF

FFFAFF

7B3F68

7B3F68

7B3364

7B4B6C

■ 7B2660

■ 7B5870

■ 7B1A5C

■ 7B6474

■ 7B0E58

■ 7B7078

■ 7B0255

■ 7B7D7B

■ 7B0054

■ 7B897F

■ 7B9583

■ 7BA187

■ 7BAE8B

# Harmonies

## Analogous

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



60497E



7B3F68



863B4D

# Triad

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



7B3F68



5B551A



006075

# Complementary

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



7B3F68



3F7B52

# 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.



00615B



7B3F68



3E5C27

# Square

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



7B3F68



734B20



0F603F



005C86

# Rectangle

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



7B3F68



853E3B



0F603F



00616D



# Sweetspot

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



7B3F68



A18999



523F7B



52434D



D1D1D1



525252



# Same Dimension

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



7B3F68



A14283



7B3F4A



3D373B



7D0055



FC00AD



# Inverse Universe

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



7B3F68



A14283



3F7B70



3D373B



7D0055

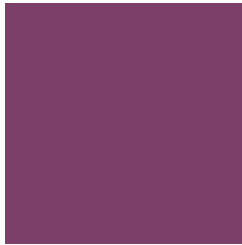


FC00AD



# Previews

## White Background



This preview shows how the Hex color 7B3F68 looks on a white background.

## Color Contrast Check

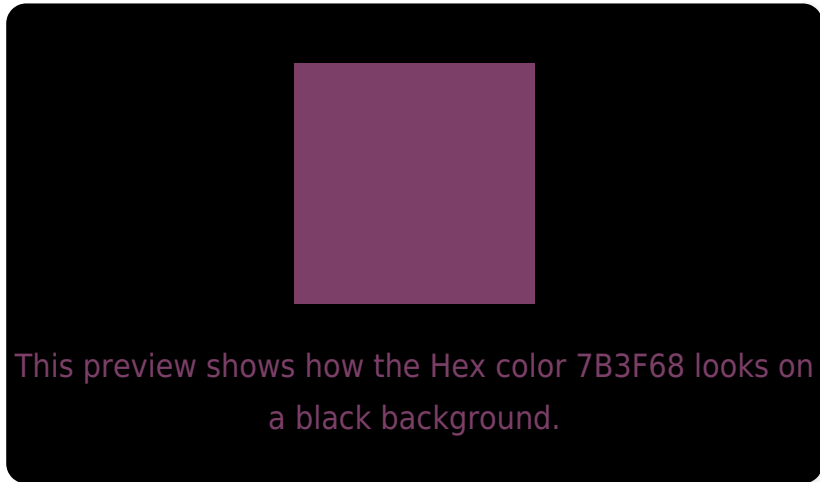
Large Text (above 18pt) WCAG AA ✓ Pass

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

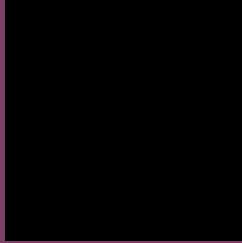
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7B3F68 Background



This preview shows how black text looks on a background with the Hex color 7B3F68.



This preview shows how white text looks on a background with the Hex color 7B3F68.

# 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**  
78454A

# Trichromacy



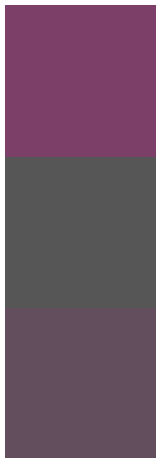
**Original Color**  
7B3F68

**Protanomaly**  
5B4C72

**Deuteranomaly**  
624B66

**Tritanomaly**  
794355

# Monochromacy



**Original Color**  
7B3F68

**Achromatopsia**  
565656

**Achromatomaly**  
634E5D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B3F68 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 #7B3F68 looks like.

```
.text, #text, p{  
    color:#7B3F68  
}
```

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 #7B3F68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B3F68  
}
```

## Border

The CSS property to change the border of an element to Hex 7B3F68 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  
#7B3F68 }
```

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

```
.border{ border-color:#7B3F68 }
```

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

Here you see how a box with a 4 pixel #7B3F68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B3F68; -webkit-box-shadow:4px 4px  
4px 4px #7B3F68; box-shadow:4px 4px 4px  
4px #7B3F68 }
```

# Background

The CSS property to change the background color of an element to Hex 7B3F68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B3F68 }
```

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

```
.background{ background-color:#7B3F68 }
```

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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