

# Converting Colors

Hex(7A3C77)

Have a look what the booklet for  
Hex(7A3C77) contains.

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# Color

**Hex(7A3C77)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A3C77
RGB	122, 60, 119
RGB Percent	48%, 24%, 47%
CMY	0.5216, 0.7647, 0.5333
CMYK	0.00, 0.51, 0.02, 0.52
HSL	303°, 34%, 36%
HSV	303°, 51%, 48%
XYZ	12.9717, 8.7012, 18.4486
YIQ	85.2640, 18.0130, 31.4930

# Conversions

## Conversions Part 2

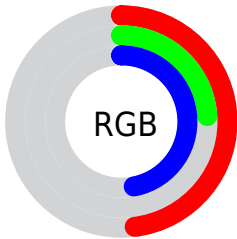
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 60, 119
Decimal	8010871
CIE <sub>Lab</sub>	35.40, 35.87, -22.05
CIE <sub>LCh</sub>	35, 42.099, 328.422
Yxy	8.7012, 0.3233, 0.2169
Android (android.graphics.Color)	4286200951 (0xFF7A3C77)
YUV	85.2640, 16.6318, 32.2175
Hunter-Lab	29.4978, 26.8743, -16.4328

# Details

The Hex color **7A3C77** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3C7A3F**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **B06EAB**, and **470946** is the 20% darker color. If you saturate the color by 10%, you get **7A3076**, and if you desaturate by 10%, it is **7A4878**.

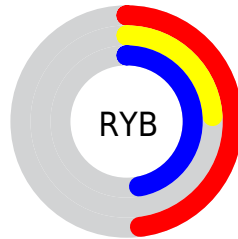
# Distribution



Red (48%)

Green (24%)

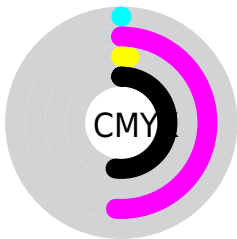
Blue (47%)



Red (48%)

Yellow (24%)

Blue (47%)

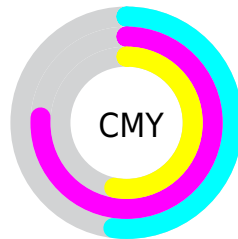


Cyan (0%)

Magenta (51%)

Yellow (2%)

Black (52%)



Cyan (52%)

Magenta (76%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A3C77 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 7A3C77 by changing the saturation by 10% instead.



 7A3C77

 7A3C77

FFFFFF

 60245E

 B06EAB

 470946

 CC88C7

 2F0030

 E9A3E3

 16001B

 FFBEFF

 000000

 FFDAFF

 FFF7FF

 7A3C77

 7A3C77

 7A3076

 7A4878

 7A2476

 7A5478

 7A1775

 7A6179

 7A0B75

 7A6D79

 7A0074

 7A797A

 7A857B

 7A917B

 7A9E7C

 7AAA7C

# Harmonies

## Analogous

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



4F4B8F



7A3C77



8E3256

# Triad

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



7A3C77



665105



006372

# Complementary

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



7A3C77



3C7A3F

# 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.



006350



7A3C77



445B11

# Square

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



7A3C77



7F4419



0D602E



005F8C

# Rectangle

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



7A3C77



903440



0D602E



006368



# Sweetspot

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



7A3C77



9E869D



3E3C7A



4F414E



CFCFCF



4F4F4F



# Same Dimension

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



7A3C77



9E3E99



7A3C59



3D373D



7D0077



FC00F0



# Inverse Universe

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



7A3C77



9E3E99



3C7A5D



3D373D



7D0077

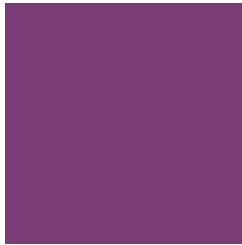


FC00F0



# Previews

## White Background



This preview shows how the Hex color 7A3C77 looks on a white background.

## Color Contrast Check

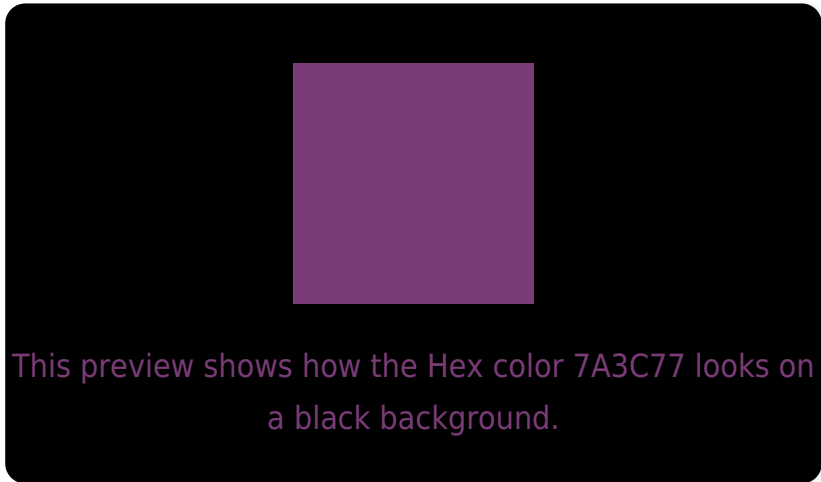
Large Text (above 18pt) WCAG AA ✓ Pass

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

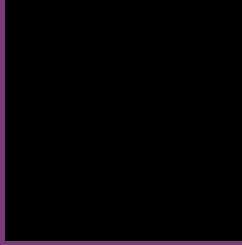
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A3C77 Background



This preview shows how black text looks on a background with the Hex color 7A3C77.



This preview shows how white text looks on a background with the Hex color 7A3C77.

# 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**  
7A3C77

**Protanopia**  
3E528A

**Deuteranopia**  
4A5373



**Tritanopia**  
75464C

# Trichromacy



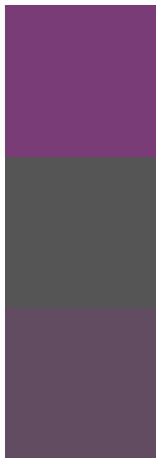
**Original Color**  
7A3C77

**Protanomaly**  
544A83

**Deuteranomaly**  
5B4B74

**Tritanomaly**  
77425C

# Monochromacy



**Original Color**  
7A3C77

**Achromatopsia**  
555555

**Achromatomaly**  
624C61

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A3C77 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 #7A3C77 looks like.

```
.text, #text, p{  
    color:#7A3C77  
}
```

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 #7A3C77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A3C77
}
```

## Border

The CSS property to change the border of an element to Hex 7A3C77 is called "border". The border property can be set on classes, ids or directly on the HTML element.

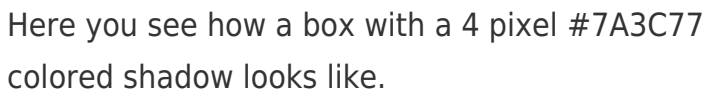
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A3C77 }
```

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

```
.border{ border-color:#7A3C77 }
```

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



Here you see how a box with a 4 pixel `#7A3C77` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A3C77; -webkit-box-shadow:4px 4px  
4px 4px #7A3C77; box-shadow:4px 4px 4px  
4px #7A3C77 }
```

# Background

The CSS property to change the background color of an element to Hex 7A3C77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A3C77 }
```

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

```
.background{ background-color:#7A3C77 }
```

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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