

# Converting Colors

Hex(763A77)

Have a look what the booklet for  
Hex(763A77) contains.

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**Color**

**Hex(763A77)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	763A77
RGB	118, 58, 119
RGB Percent	46%, 23%, 47%
CMY	0.5373, 0.7725, 0.5333
CMYK	0.01, 0.51, 0.00, 0.53
HSL	299°, 34%, 35%
HSV	299°, 51%, 47%
XYZ	12.3140, 8.2096, 18.3883
YIQ	82.8940, 16.1790, 31.6910

# Conversions

## Conversions Part 2

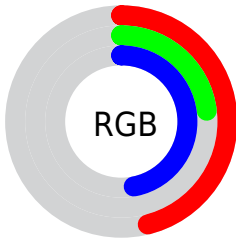
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 58, 119
Decimal	7748215
CIE <sub>Lab</sub>	34.42, 35.69, -23.63
CIE <sub>LCh</sub>	34, 42.805, 326.499
Yxy	8.2096, 0.3165, 0.2110
Android (android.graphics.Color)	4285938295 (0xFF763A77)
YUV	82.8940, 17.8003, 30.7880
Hunter-Lab	28.6524, 26.5731, -17.9942

# Details

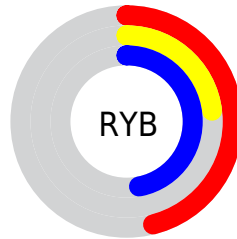
The Hex color **763A77** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3B773A**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **AC6CAB**, and **430746** is the 20% darker color. If you saturate the color by 10%, you get **762E77**, and if you desaturate by 10%, it is **764677**.

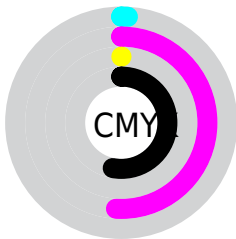
# Distribution



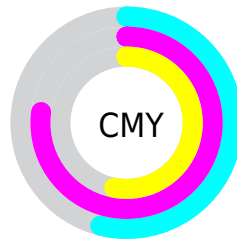
- Red (46%)
- Green (23%)
- Blue (47%)



- Red (46%)
- Yellow (23%)
- Blue (47%)



- Cyan (1%)
- Magenta (51%)
- Yellow (0%)
- Black (53%)



- Cyan (54%)
- Magenta (77%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 763A77 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 763A77 by changing the saturation by 10% instead.



 763A77

 763A77

FFFFFF

 5C225E

 AC6CAB

 430746

 C886C7

 2C0030

 E4A0E3

 0E001A

 FFBCFF

 000000

 FFD8FF

 FFF5FF

 763A77

 763A77

 762E77

 764677

■ 762277

■ 765277

■ 751677

■ 775E77

■ 750A77

■ 776A77

■ 750077

■ 777577

■ 778177

■ 778D77

■ 789977

■ 78A577

# Harmonies

## Analogous

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



494A8E



763A77



8B2F56

# Triad

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



763A77



654E01



00616E

# Complementary

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



763A77



3B773A

# 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.



00604C



763A77



44580A

# Square

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



763A77



7E4017



0D5E29



005E89

# Rectangle

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



763A77



8E3040



0D5E29



006163



# Sweetspot

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



763A77



9B849C



3A3B77



4F414F



CFCFCF



4F4F4F



# Same Dimension

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



763A77



9A3B9C



773A5A



3B353B



78007A



F600FA



# Inverse Universe

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



773A3B



9C3B3D



3A7757



3B3535



7A0002

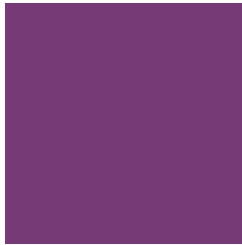


FA0004



# Previews

## White Background



This preview shows how the Hex color 763A77 looks on a white background.

## Color Contrast Check

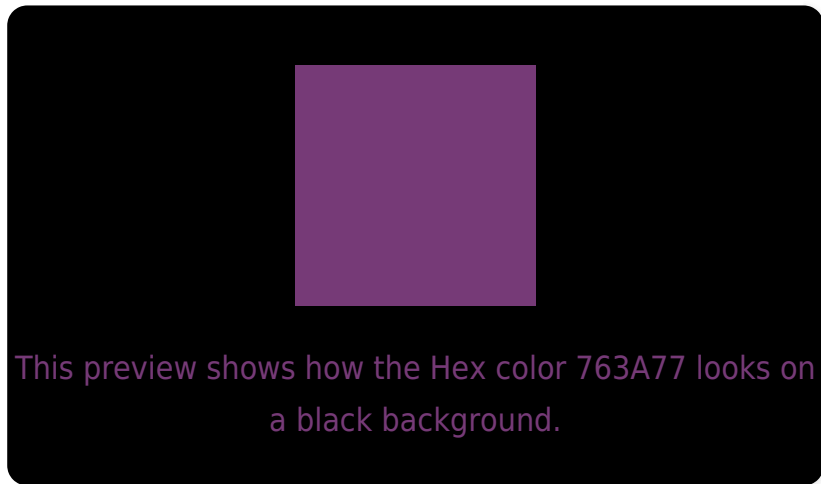
Large Text (above 18pt) WCAG AA ✓ Pass

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

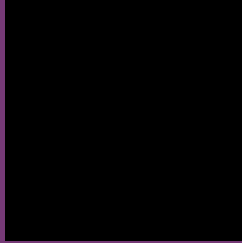
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 763A77 Background



This preview shows how black text looks on a background with the Hex color 763A77.

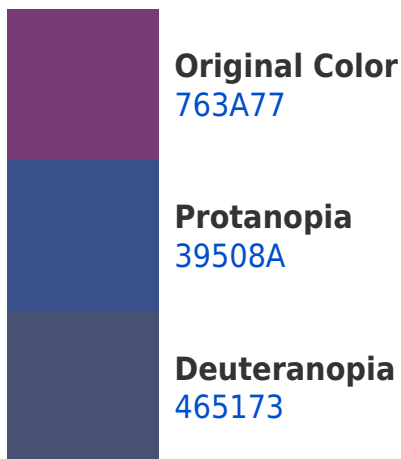



This preview shows how white text looks on a background with the Hex color 763A77.

# 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**  
70454A

# Trichromacy



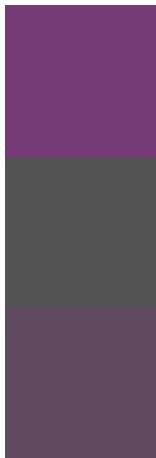
**Original Color**  
763A77

**Protanomaly**  
4F4883

**Deuteranomaly**  
574974

**Tritanomaly**  
72415A

# Monochromacy



**Original Color**  
763A77

**Achromatopsia**  
535353

**Achromatomaly**  
604A60

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 763A77 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 #763A77 looks like.

```
.text, #text, p{  
    color:#763A77  
}
```

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 #763A77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #763A77  
}
```

## Border

The CSS property to change the border of an element to Hex 763A77 is called "border". The border property can be set on classes, ids or directly on the HTML element.

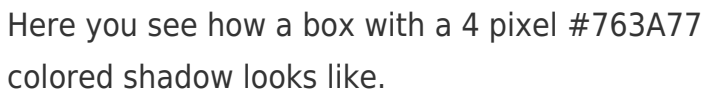
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#763A77 }
```

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

```
.border{ border-color:#763A77 }
```

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



Here you see how a box with a 4 pixel `#763A77` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #763A77; -webkit-box-shadow:4px 4px  
4px 4px #763A77; box-shadow:4px 4px 4px  
4px #763A77 }
```

# Background

The CSS property to change the background color of an element to Hex 763A77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#763A77 }
```

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

```
.background{ background-color:#763A77 }
```

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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