

# Converting Colors

Hex(77307C)

Have a look what the booklet for  
Hex(77307C) contains.

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# Color

Hex(77307C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	77307C
RGB	119, 48, 124
RGB Percent	47%, 19%, 49%
CMY	0.5333, 0.8118, 0.5137
CMYK	0.04, 0.61, 0.00, 0.51
HSL	296°, 44%, 34%
HSV	296°, 61%, 49%
XYZ	12.3028, 7.4911, 19.8663
YIQ	77.8930, 17.9200, 38.6880

# Conversions

## Conversions Part 2

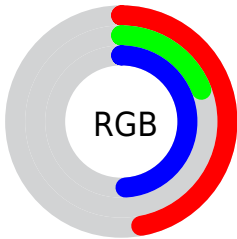
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">119, 48, 124</a>
Decimal	<a href="#">7811196</a>
CIELab	<a href="#">32.90, 42.15, -29.13</a>
CIElCh	<a href="#">33, 51.234, 325.356</a>
Yxy	<a href="#">7.4911, 0.3102, 0.1889</a>
Android (android.graphics.Color)	<a href="#">4286001276</a> ( <a href="#">0xFF77307C</a> )
YUV	<a href="#">77.8930, 22.7308, 36.0508</a>
Hunter-Lab	<a href="#">27.3698, 32.3389, -23.8765</a>

# Details

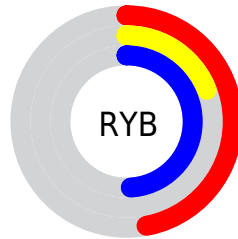
The Hex color **77307C** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **357C30**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **AD63B1**, and **44004B** is the 20% darker color. If you saturate the color by 10%, you get **76247C**, and if you desaturate by 10%, it is **783C7C**.

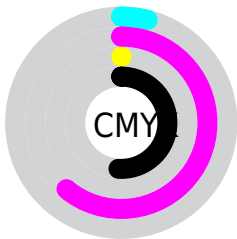
# Distribution



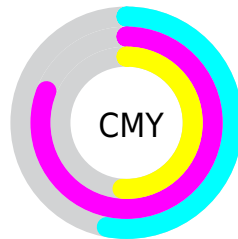
- Red (47%)
- Green (19%)
- Blue (49%)



- Red (47%)
- Yellow (19%)
- Blue (49%)



- Cyan (4%)
- Magenta (61%)
- Yellow (0%)
- Black (51%)



- Cyan (53%)
- Magenta (81%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77307C 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 77307C by changing the saturation by 10% instead.



77307C

77307C

FFFFFF

5D1563

AD63B1

44004B

C97DCD

2C0034

E697E9

0A001E

FFB3FF

000000

FFCFFF

FFECFF

77307C

77307C

76247C

783C7C

 75177C

 79497C

 750B7C

 79557C

 74007C

 7A627C

 7B6E7C

 7C7A7C

 7D877C

 7E937C

 7EA07C

# Harmonies

## Analogous

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



3B4597



77307C



901D55

# Triad

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



77307C



644900



005F6F

# Complementary

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



77307C



357C30

# 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.



005F46



77307C



3D5500

# Square

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



77307C



813804



005C1B



005C90

# Rectangle

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



77307C



941E3B



005C1B



005F62



# Sweetspot

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



77307C



9F84A1



30357C



504052



D1D1D1



525252



# Same Dimension

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



77307C



992AA1



7C305B



3D373D



75007D



EC00FC



# Inverse Universe

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



7C3035



A12A32



307C51



3D3737



7D0008



FC0011



# Previews

## White Background



This preview shows how the Hex color 77307C looks on a white background.

## Color Contrast Check

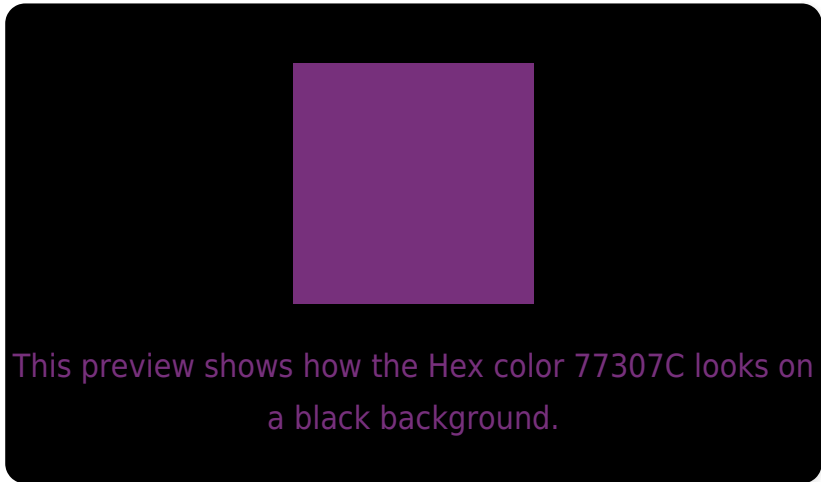
Large Text (above 18pt) WCAG AA ✓ Pass

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

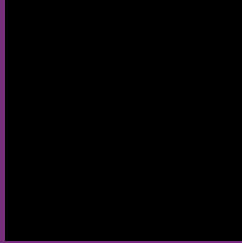
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 77307C Background



This preview shows how black text looks on a background with the Hex color 77307C.

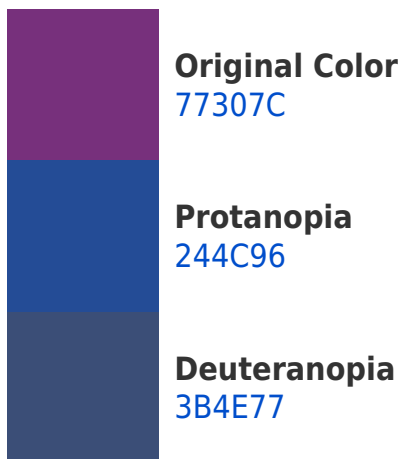


This preview shows how white text looks on a background with the Hex color 77307C.

# 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**  
704045

# Trichromacy



**Original Color**  
77307C

**Protanomaly**  
42428D

**Deuteranomaly**  
514379

**Tritanomaly**  
733A59

# Monochromacy



**Original Color**  
77307C

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
5D435F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77307C 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 #77307C looks like.

```
.text, #text, p{  
    color:#77307C  
}
```

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 #77307C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77307C
}
```

## Border

The CSS property to change the border of an element to Hex 77307C is called "border". The border property can be set on classes, ids or directly on the HTML element.

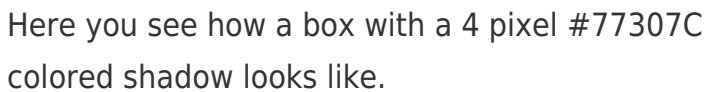
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#77307C }
```

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

```
.border{ border-color:#77307C }
```

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



Here you see how a box with a 4 pixel `#77307C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77307C; -webkit-box-shadow:4px 4px  
4px 4px #77307C; box-shadow:4px 4px 4px  
4px #77307C }
```

# Background

The CSS property to change the background color of an element to Hex 77307C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77307C }
```

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

```
.background{ background-color:#77307C }
```

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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