

# Converting Colors

Hex(7C309E)

Have a look what the booklet for  
Hex(7C309E) contains.

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# Color

**Hex(7C309E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7C309E
RGB	124, 48, 158
RGB Percent	49%, 19%, 62%
CMY	0.5137, 0.8118, 0.3804
CMYK	0.22, 0.70, 0.00, 0.38
HSL	281°, 53%, 40%
HSV	281°, 70%, 62%
XYZ	15.5407, 8.8676, 33.2403
YIQ	83.2640, 9.9860, 50.3220

# Conversions

## Conversions Part 2

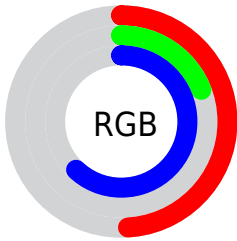
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 48, 158
Decimal	8138910
CIELab	35.73, 50.44, -45.48
CIELCh	36, 67.920, 317.961
Yxy	8.8676, 0.2696, 0.1538
Android (android.graphics.Color)	4286328990 (0xFF7C309E)
YUV	83.2640, 36.8448, 35.7255
Hunter-Lab	29.7785, 41.0423, -45.3375

# Details

The Hex color **7C309E** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **529E30**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **B464D5**, and **46006A** is the 20% darker color. If you saturate the color by 10%, you get **77209E**, and if you desaturate by 10%, it is **81409E**.

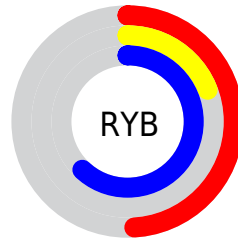
# Distribution



Red (49%)

Green (19%)

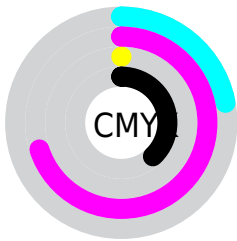
Blue (62%)



Red (49%)

Yellow (19%)

Blue (62%)

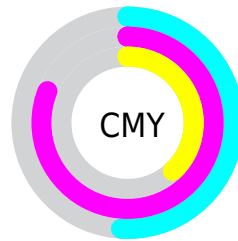


Cyan (22%)

Magenta (70%)

Yellow (0%)

Black (38%)



Cyan (51%)

Magenta (81%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C309E 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 7C309E by changing the saturation by 10% instead.



7C309E

7C309E

FFFFFF

611383

B464D5

46006A

D07FF2

2C0051

ED9AFF

120039

FFB5FF

000222

FFD2FF

000009

FFEFFF

000000

7C309E

7C309E

77209E

81409E

 72109E

 86509E

 6D019E

 8B5F9E

 6D009E

 906F9E

 947F9E

 998F9E

 9E9F9E

 A3AE9E

 A8BE9E

# Harmonies

## Analogous

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



0050BD



7C309E



A7006C

# Triad

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



7C309E



794A00



006A74

# Complementary

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



7C309E



529E30

# 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.



00693B



7C309E



495B00

# Square

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



7C309E



9D2B00



006500



0069A5

# Rectangle

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



7C309E



B00048



006500



006A62



# Sweetspot

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



7C309E



C1A3CF



30539E



604E69



E8E8E8



696969



# Same Dimension

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



7C309E



9921CF



9E308A



4D474F



63008F



0B000F



# Inverse Universe

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



9E3052



CF2157



309E44



4F474A



8F002C



0F0005



# Previews

## White Background



This preview shows how the Hex color 7C309E looks on a white background.

## Color Contrast Check

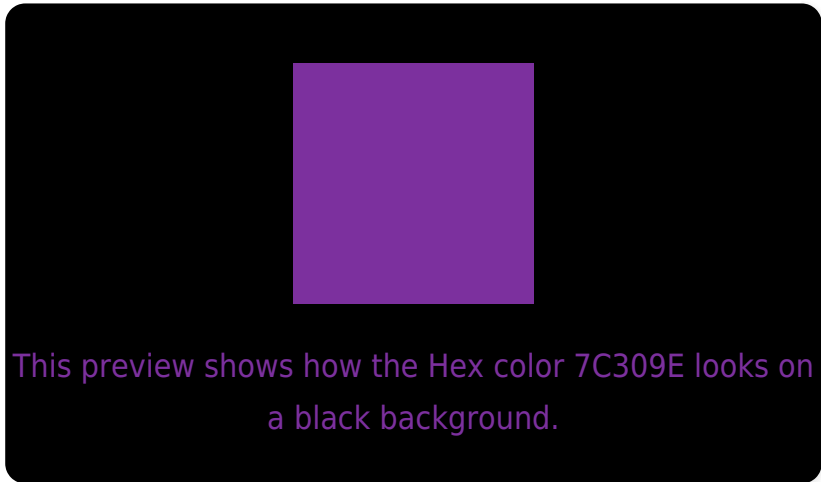
Large Text (above 18pt) WCAG AA ✓ Pass

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

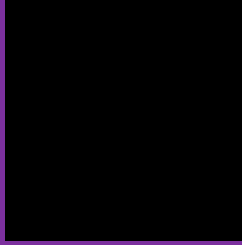
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7C309E Background



This preview shows how black text looks on a background with the Hex color 7C309E.

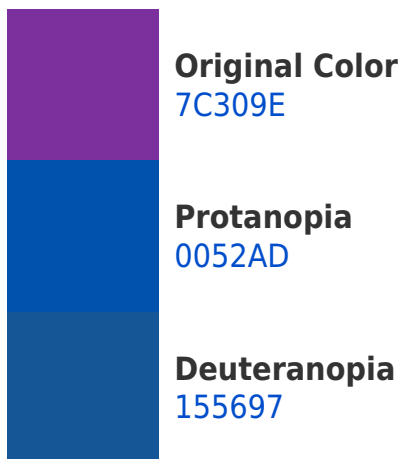



This preview shows how white text looks on a background with the Hex color 7C309E.

# 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](#).

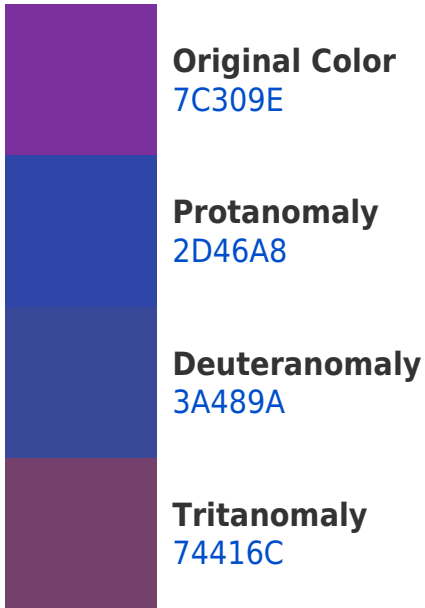
## Dichromacy



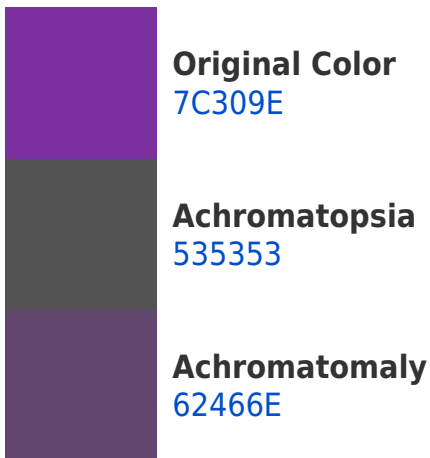


**Tritanopia**  
704A50

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C309E 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 #7C309E looks like.

```
.text, #text, p{  
    color:#7C309E  
}
```

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 #7C309E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C309E
}
```

## Border

The CSS property to change the border of an element to Hex 7C309E is called "border". The border property can be set on classes, ids or directly on the HTML element.

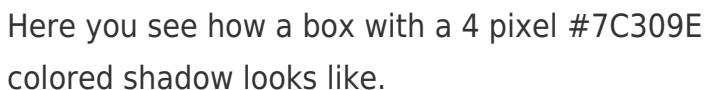
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7C309E }
```

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

```
.border{ border-color:#7C309E }
```

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



Here you see how a box with a 4 pixel #7C309E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C309E; -webkit-box-shadow:4px 4px  
4px 4px #7C309E; box-shadow:4px 4px 4px  
4px #7C309E }
```

# Background

The CSS property to change the background color of an element to Hex 7C309E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C309E }
```

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

```
.background{ background-color:#7C309E }
```

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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