

# Converting Colors

Hex(7C7BB9)

Have a look what the booklet for  
Hex(7C7BB9) contains.

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# Color

Hex(7C7BB9)

# Conversions

## Conversions Part 1

Format	Color
Hex	7C7BB9
RGB	124, 123, 185
RGB Percent	49%, 48%, 73%
CMY	0.5137, 0.5176, 0.2745
CMYK	0.33, 0.34, 0.00, 0.27
HSL	241°, 31%, 60%
HSV	241°, 34%, 73%
XYZ	24.1521, 21.9538, 48.8635
YIQ	130.3670, -19.3060, 19.4940

# Conversions

## Conversions Part 2

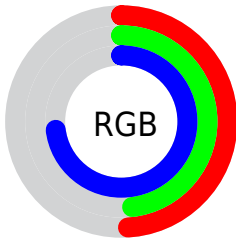
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	124, 123, 185
Decimal	8158137
CIE <sub>Lab</sub>	53.98, 15.07, -32.47
CIE <sub>LCh</sub>	54, 35.796, 294.892
Yxy	21.9538, 0.2543, 0.2312
Android (android.graphics.Color)	4286348217 (0xFF7C7BB9)
YUV	130.3670, 26.9341, -5.5839
Hunter-Lab	46.8549, 10.0147, -29.0333

# Details

The Hex color **7C7BB9** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B8B97B**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **B2AFF1**, and **484A84** is the 20% darker color. If you saturate the color by 10%, you get **6A69B9**, and if you desaturate by 10%, it is **8E8EB9**.

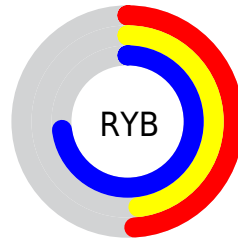
# Distribution



Red (49%)

Green (48%)

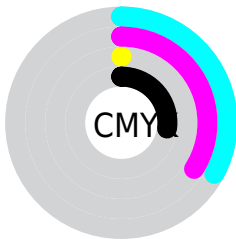
Blue (73%)



Red (49%)

Yellow (48%)

Blue (73%)

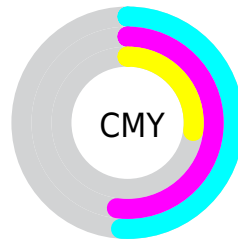


Cyan (33%)

Magenta (34%)

Yellow (0%)

Black (27%)



Cyan (51%)

Magenta (52%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C7BB9 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 7C7BB9 by changing the saturation by 10% instead.



■ 7C7BB9

■ 7C7BB9

FFFFFF

■ 62629E

■ B2AFF1

■ 484A84

■ CECBFF

■ 2F346A

■ EBE7FF

■ 141F52

■ 00083A

■ 000224

■ 00000C

■ 000000

■ 7C7BB9

■ 7C7BB9

■ 6A69B9

■ 8E8EB9

■ 5856B9

■ A0A0B9

■ 4544B9

■ B3B3B9

■ 3331B9

■ C5C5B9

■ 211EB9

■ D7D8B9

■ 0F0CB9

■ E9EAB9

■ 0300B9

■ FBFDB9

■ FFFB9

# Harmonies

## Analogous

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



4486BE



7C7BB9



A370A5

# Triad

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



7C7BB9



B0724F



22917B

# Complementary

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



7C7BB9



B8B97B

# 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.



568E5C



7C7BB9



997D43

# Square

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



7C7BB9



BC6A69



7A8747



00919A

# Rectangle

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



7C7BB9



B36A92



7A8747



379070



# Sweetspot

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



7C7BB9



D8D8F0



7BB9B9



6A6978



F7F7F7



787878



# Same Dimension

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



7C7BB9



9190F0



9A7BB9



53535C



03009C



00001C



# Inverse Universe

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



B97BB8



F090EE



9AB97B



5C535C



9C0099

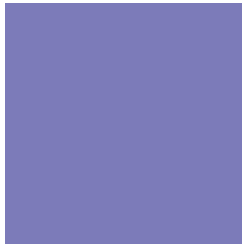


1C001C



# Previews

## White Background



This preview shows how the Hex color 7C7BB9 looks on a white background.

## Color Contrast Check

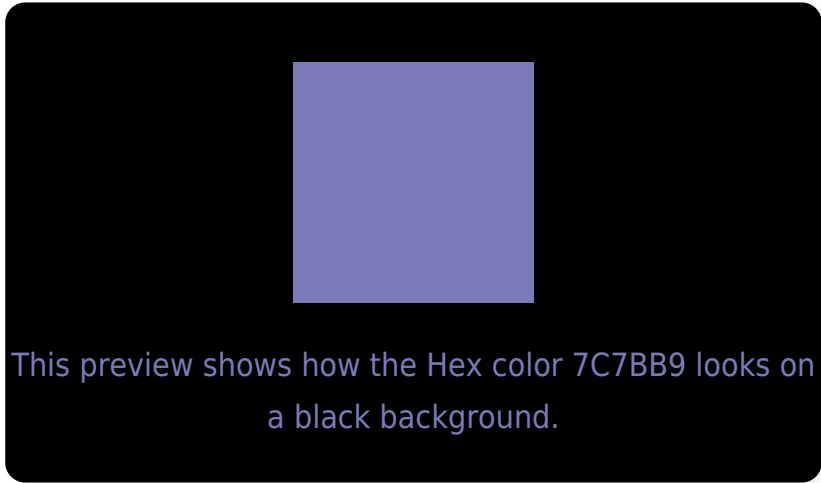
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

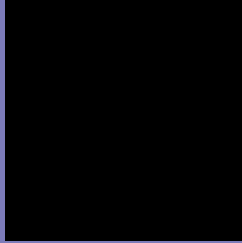
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7C7BB9 Background



This preview shows how black text looks on a background with the Hex color 7C7BB9.



This preview shows how white text looks on a background with the Hex color 7C7BB9.

# 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](#).

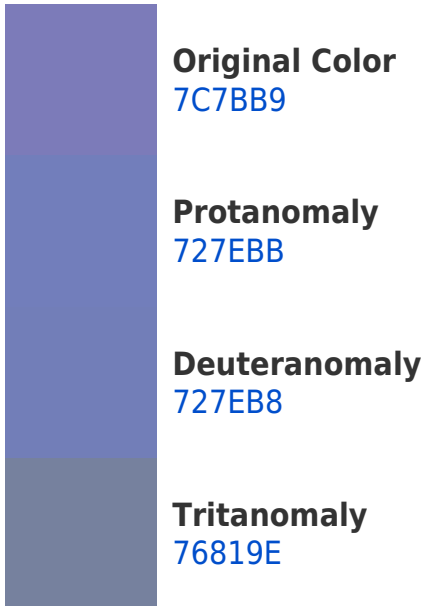
## Dichromacy





**Tritanopia**  
73848E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C7BB9 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 #7C7BB9 looks like.

```
.text, #text, p{  
    color:#7C7BB9  
}
```

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 #7C7BB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C7BB9
}
```

## Border

The CSS property to change the border of an element to Hex 7C7BB9 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
#7C7BB9 }
```

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

```
.border{ border-color:#7C7BB9 }
```

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

Here you see how a box with a 4 pixel #7C7BB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C7BB9; -webkit-box-shadow:4px 4px  
4px 4px #7C7BB9; box-shadow:4px 4px 4px  
4px #7C7BB9 }
```

# Background

The CSS property to change the background color of an element to Hex 7C7BB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C7BB9 }
```

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

```
.background{ background-color:#7C7BB9 }
```

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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