

# Converting Colors

Hex(7C5F9A)

Have a look what the booklet for  
Hex(7C5F9A) contains.

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# Color

**Hex(7C5F9A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7C5F9A
RGB	124, 95, 154
RGB Percent	49%, 37%, 60%
CMY	0.5137, 0.6275, 0.3961
CMYK	0.19, 0.38, 0.00, 0.40
HSL	269°, 24%, 49%
HSV	269°, 38%, 60%
XYZ	18.2371, 14.8026, 32.4678
YIQ	110.3970, -1.6550, 24.4970

# Conversions

## Conversions Part 2

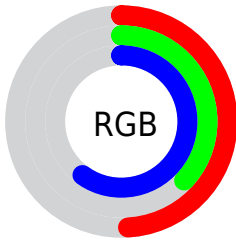
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">124, 95, 154</a>
Decimal	<a href="#">8150938</a>
CIELab	<a href="#">45.36, 23.89, -27.82</a>
CIElCh	<a href="#">45, 36.671, 310.658</a>
Yxy	<a href="#">14.8026, 0.2784, 0.2260</a>
Android (android.graphics.Color)	<a href="#">4286341018 (0xFF7C5F9A)</a>
YUV	<a href="#">110.3970, 21.4963, 11.9298</a>
Hunter-Lab	<a href="#">38.4741, 17.2810, -23.1022</a>

# Details

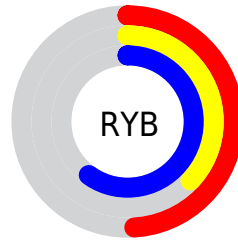
The Hex color **7C5F9A** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **7D9A5F**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **B192D1**, and **4A3067** is the 20% darker color. If you saturate the color by 10%, you get **74509A**, and if you desaturate by 10%, it is **846E9A**.

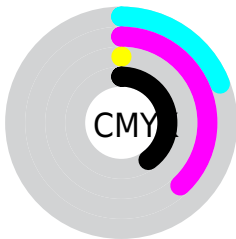
# Distribution



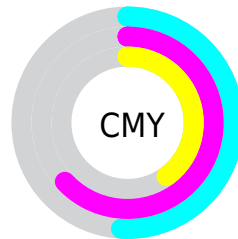
- Red (49%)
- Green (37%)
- Blue (60%)



- Red (49%)
- Yellow (37%)
- Blue (60%)



- Cyan (19%)
- Magenta (38%)
- Yellow (0%)
- Black (40%)



- Cyan (51%)
- Magenta (63%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C5F9A 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 7C5F9A by changing the saturation by 10% instead.



■ 7C5F9A

■ 7C5F9A

FFFFFF

■ 624780

■ B192D1

■ 4A3067

■ CDADED

■ 321A4E

■ EAC8FF

■ 1B0437

■ FFE4FF

■ 000021

■ 000006

■ 000000

■ 7C5F9A

■ 7C5F9A

■ 74509A

■ 846E9A

6C409A

8C7E9A

65319A

938D9A

5D219A

9B9D9A

55129A

A3AC9A

4D039A

ABBB9A

4C009A

B3CB9A

BBDA9A

C2EA9A

# Harmonies

## Analogous

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



4B6BA7



7C5F9A



995580

# Triad

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



7C5F9A



8E6331



007B76

# Complementary

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



7C5F9A



7D9A5F

# 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.



227956



7C5F9A



736D2D

# Square

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



7C5F9A



A05845



52753B



007992

# Rectangle

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



7C5F9A



A3516C



52753B



007B6B



# Sweetspot

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



7C5F9A



BEB3C9



5F7D9A



5F5966



E6E6E6



666666



# Same Dimension

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



7C5F9A



9A6DC9



995F9A



49454D



45008C



06000D



# Inverse Universe

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



9A5F7D



C96D9C



609A5F



4D4549



8C0047

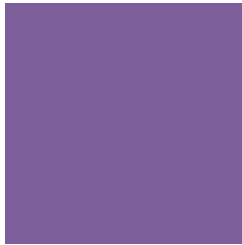


0D0006



# Previews

## White Background



This preview shows how the Hex color 7C5F9A looks on a white background.

## Color Contrast Check

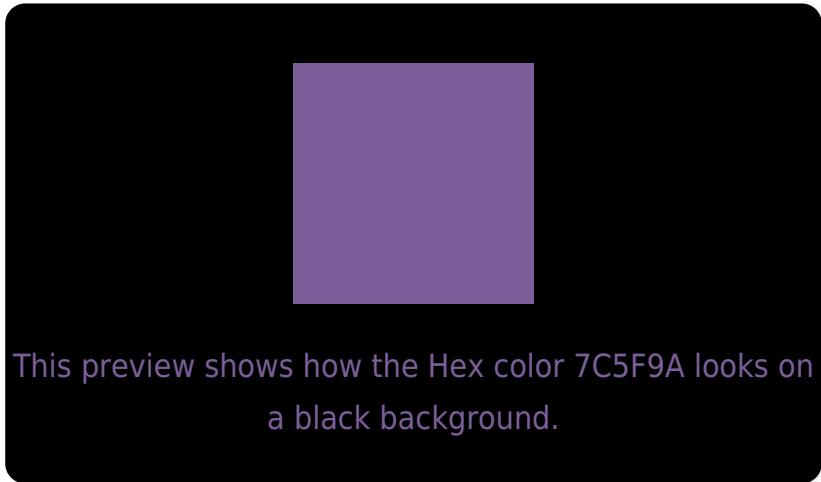
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

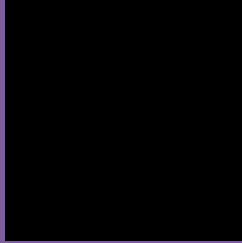
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7C5F9A Background



This preview shows how black text looks on a background with the Hex color 7C5F9A.

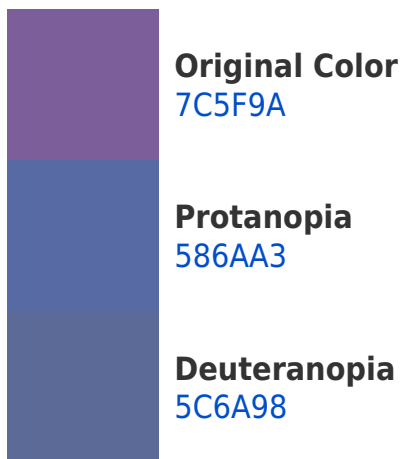


This preview shows how white text looks on a background with the Hex color 7C5F9A.

# 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**  
756870

# Trichromacy



**Original Color**  
7C5F9A

**Protanomaly**  
6566A0

**Deuteranomaly**  
686699

**Tritanomaly**  
78657F

# Monochromacy



**Original Color**  
7C5F9A

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
73697E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C5F9A 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 #7C5F9A looks like.

```
.text, #text, p{  
    color:#7C5F9A  
}
```

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 #7C5F9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C5F9A
}
```

## Border

The CSS property to change the border of an element to Hex 7C5F9A 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
#7C5F9A }
```

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

```
.border{ border-color:#7C5F9A }
```

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

Here you see how a box with a 4 pixel #7C5F9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C5F9A; -webkit-box-shadow:4px 4px  
4px 4px #7C5F9A; box-shadow:4px 4px 4px  
4px #7C5F9A }
```

# Background

The CSS property to change the background color of an element to Hex 7C5F9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C5F9A }
```

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

```
.background{ background-color:#7C5F9A }
```

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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