

# Converting Colors

Hex(774E9C)

Have a look what the booklet for  
Hex(774E9C) contains.

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# Color

**Hex(774E9C)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 774E9C                    |
| RGB           | 119, 78, 156              |
| RGB Percent   | 47%, 31%, 61%             |
| CMY           | 0.5333, 0.6941, 0.3882    |
| CMYK          | 0.24, 0.50, 0.00, 0.39    |
| HSL           | 272°, 33%, 46%            |
| HSV           | 272°, 50%, 61%            |
| XYZ           | 16.3329, 11.7710, 32.8637 |
| YIQ           | 99.1510, -0.6020, 32.9500 |

# Conversions

## Conversions Part 2

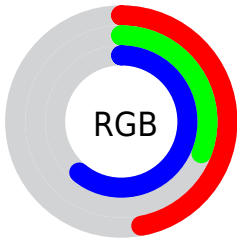
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 119, 78, 156                  |
| Decimal                             | 7818908                       |
| CIE <sub>Lab</sub>                  | 40.85, 32.94, -36.14          |
| CIE <sub>LCh</sub>                  | 41, 48.897, 312.344           |
| Yxy                                 | 11.7710, 0.2679,<br>0.1931    |
| Android<br>(android.graphics.Color) | 4286008988<br>(0xFF774E9C)    |
| YUV                                 | 99.1510, 28.0266,<br>17.4076  |
| Hunter-Lab                          | 34.3089, 24.9350,<br>-32.7762 |

# Details

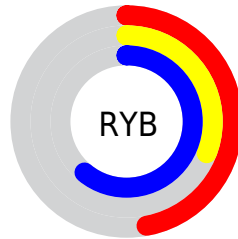
The Hex color **774E9C** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **739C4E**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **AD80D3**, and **441F68** is the 20% darker color. If you saturate the color by 10%, you get **703E9C**, and if you desaturate by 10%, it is **7E5E9C**.

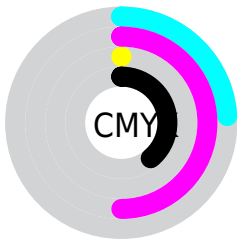
# Distribution



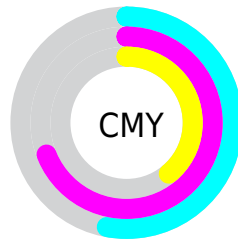
- Red (47%)
- Green (31%)
- Blue (61%)



- Red (47%)
- Yellow (31%)
- Blue (61%)



- Cyan (24%)
- Magenta (50%)
- Yellow (0%)
- Black (39%)



- Cyan (53%)
- Magenta (69%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 774E9C 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 774E9C by changing the saturation by 10% instead.



774E9C

774E9C

FFFFFF

5D3682

AD80D3

441F68

C99BEF

2B0750

E6B6FF

170038

FFD1FF

000222

FFEEFF

000008

000000

774E9C

774E9C

703E9C

7E5E9C

682F9C

866D9C

611F9C

8D7D9C

59109C

958C9C

52009C

9C9C9C

A3AC9C

ABBB9C

B2CB9C

BADA9C

# Harmonies

## Analogous

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



265FAF



774E9C



9C3D7A

# Triad

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



774E9C



87560A



007370

# Complementary

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



774E9C



739C4E

# 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.



007146



774E9C



646400

# Square

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



774E9C



9F442C



376D20



007196

# Rectangle

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



774E9C



A7375F



376D20



007362



# Sweetspot

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



774E9C



BDADCC



4E749C



5D5466



E6E6E6



666666



# Same Dimension

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



774E9C



9252CC



9C4E9B



4B474F



4B008F



08000F



# Inverse Universe

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



9C4E73



CC528C



4E9C4F



4F474B



8F0044

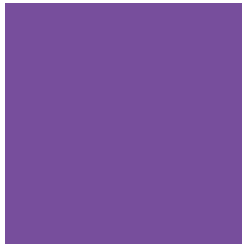


0F0007



# Previews

## White Background



This preview shows how the Hex color 774E9C looks on a white background.

## Color Contrast Check

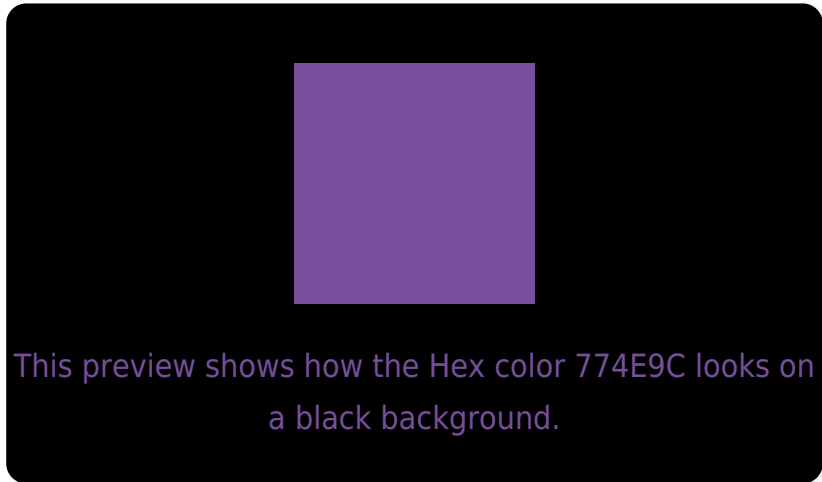
Large Text (above 18pt) WCAG AA ✓ Pass

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

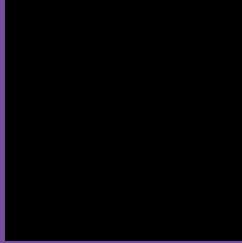
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 774E9C Background



This preview shows how black text looks on a background with the Hex color 774E9C.

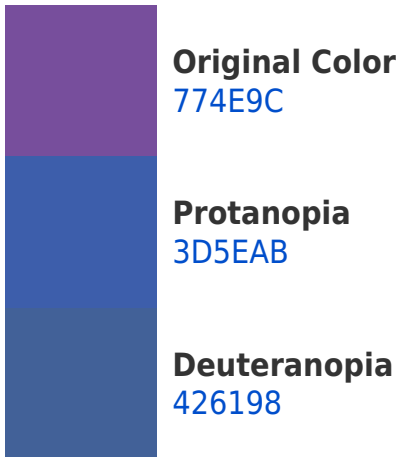



This preview shows how white text looks on a background with the Hex color 774E9C.

# 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**  
6D5C63

# Trichromacy



**Original Color**  
774E9C

**Protanomaly**  
5258A6

**Deuteranomaly**  
555A99

**Tritanomaly**  
715778

# Monochromacy



**Original Color**  
774E9C

**Achromatopsia**  
636363

**Achromatomaly**  
6A5B78

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 774E9C 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 #774E9C looks like.

```
.text, #text, p{  
    color:#774E9C  
}
```

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 #774E9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #774E9C
}
```

## Border

The CSS property to change the border of an element to Hex 774E9C is called "border". The border property can be set on classes, ids or directly on the HTML element.

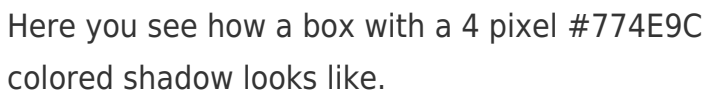
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#774E9C }
```

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

```
.border{ border-color:#774E9C }
```

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



Here you see how a box with a 4 pixel #774E9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #774E9C; -webkit-box-shadow:4px 4px  
4px 4px #774E9C; box-shadow:4px 4px 4px  
4px #774E9C }
```

# Background

The CSS property to change the background color of an element to Hex 774E9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#774E9C }
```

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

```
.background{ background-color:#774E9C }
```

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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