

# Converting Colors

Hex(7F5C99)

Have a look what the booklet for  
Hex(7F5C99) contains.

<b>Hex(7F5C99)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(7F5C99)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F5C99
RGB	127, 92, 153
RGB Percent	50%, 36%, 60%
CMY	0.5020, 0.6392, 0.4000
CMYK	0.17, 0.40, 0.00, 0.40
HSL	274°, 25%, 48%
HSV	274°, 40%, 60%
XYZ	18.3293, 14.4662, 31.9632
YIQ	109.4190, 1.2790, 26.3910

# Conversions

## Conversions Part 2

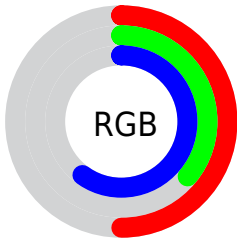
<b>Format</b>	<b>Color</b>
<b>RYB</b>	127, 92, 153
Decimal	8346777
CIELab	44.89, 26.40, -27.93
CIELCh	45, 38.431, 313.383
Yxy	14.4662, 0.2830, 0.2234
Android (android.graphics.Color)	4286536857 (0xFF7F5C99)
YUV	109.4190, 21.4854, 15.4185
Hunter-Lab	38.0345, 19.4611, -23.2016

# Details

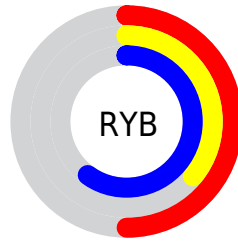
The Hex color **7F5C99** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **76995C**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **B58FD0**, and **4C2D66** is the 20% darker color. If you saturate the color by 10%, you get **784D99**, and if you desaturate by 10%, it is **866B99**.

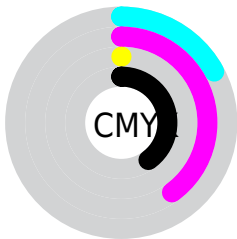
# Distribution



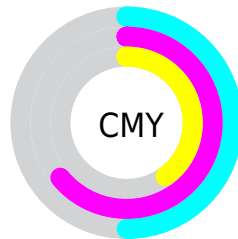
- Red (50%)
- Green (36%)
- Blue (60%)



- Red (50%)
- Yellow (36%)
- Blue (60%)



- Cyan (17%)
- Magenta (40%)
- Yellow (0%)
- Black (40%)



- Cyan (50%)
- Magenta (64%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F5C99 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 7F5C99 by changing the saturation by 10% instead.



7F5C99

7F5C99

FFFFFF

65447F

B58FD0

4C2D66

D1A9EC

34174D

EDC5FF

1E0036

FFE1FF

000020

FFFEFF

000005

000000

7F5C99

7F5C99

784D99

866B99

723D99

8C7B99

6B2E99

938A99

651F99

999999

5E0F99

A0A999

580099

A6B899

ADC799

B3D699

BAE699

# Harmonies

## Analogous

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



4D69A9



7F5C99



9C517D

# Triad

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



7F5C99



8B622C



007A78

# Complementary

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



7F5C99



76995C

# 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.



0E7957



7F5C99



6F6D29

# Square

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



7F5C99



9F5640



4B753A



007895

# Rectangle

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



7F5C99



A54E68



4B753A



007A6D



# Sweetspot

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



7F5C99



BDAFC7



5C7699



5E5663



E3E3E3



636363



# Same Dimension

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



7F5C99



9E67C7



995C95



49454D



50008C



07000D



# Inverse Universe

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



995C76



C76790



5C9960



4D4548



8C003C

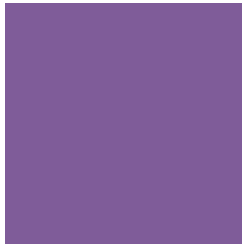


0D0005



# Previews

## White Background



This preview shows how the Hex color 7F5C99 looks on a white background.

## Color Contrast Check

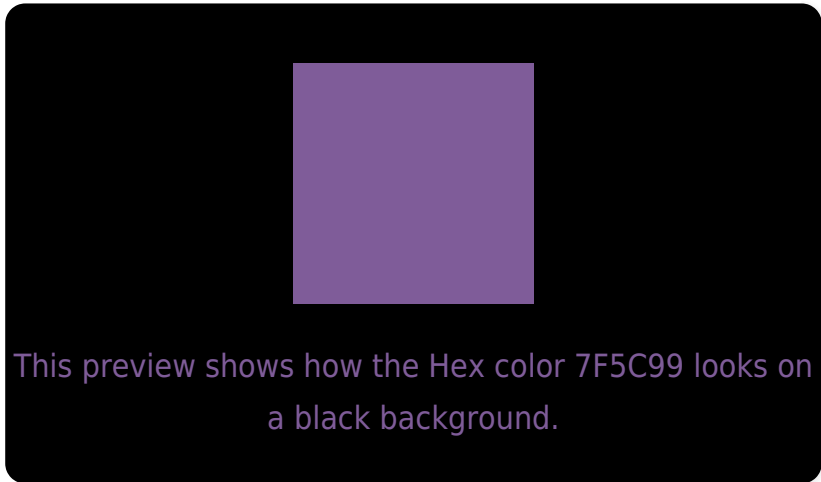
Large Text (above 18pt) WCAG AA ✓ Pass

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

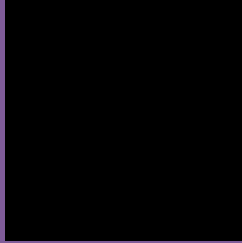
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7F5C99 Background



This preview shows how black text looks on a background with the Hex color 7F5C99.

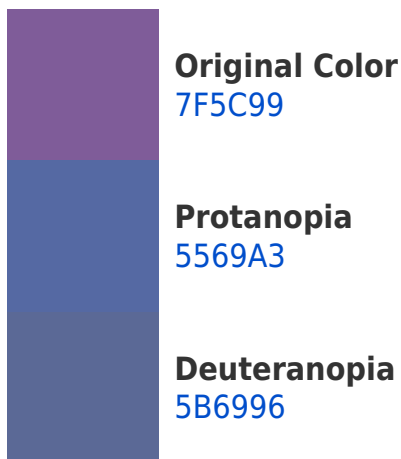



This preview shows how white text looks on a background with the Hex color 7F5C99.

# 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**  
78656D

# Trichromacy



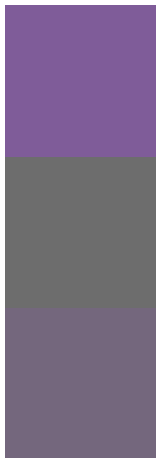
**Original Color**  
7F5C99

**Protanomaly**  
64649F

**Deuteranomaly**  
686497

**Tritanomaly**  
7B627D

# Monochromacy



**Original Color**  
7F5C99

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
74677D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F5C99 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 #7F5C99 looks like.

```
.text, #text, p{  
    color:#7F5C99  
}
```

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 #7F5C99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F5C99
}
```

## Border

The CSS property to change the border of an element to Hex 7F5C99 is called "border". The border property can be set on classes, ids or directly on the HTML element.

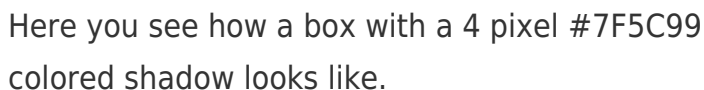
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F5C99 }
```

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

```
.border{ border-color:#7F5C99 }
```

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



Here you see how a box with a 4 pixel #7F5C99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F5C99; -webkit-box-shadow:4px 4px  
4px 4px #7F5C99; box-shadow:4px 4px 4px  
4px #7F5C99 }
```

# Background

The CSS property to change the background color of an element to Hex 7F5C99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F5C99 }
```

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

```
.background{ background-color:#7F5C99 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor