

# Converting Colors

Hex(7E529D)

Have a look what the booklet for  
Hex(7E529D) contains.

<b>Hex(7E529D)</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(7E529D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E529D
RGB	126, 82, 157
RGB Percent	49%, 32%, 62%
CMY	0.5059, 0.6784, 0.3843
CMYK	0.20, 0.48, 0.00, 0.38
HSL	275°, 31%, 47%
HSV	275°, 48%, 62%
XYZ	17.7073, 12.9045, 33.4558
YIQ	103.7060, 2.1490, 32.6530

# Conversions

## Conversions Part 2

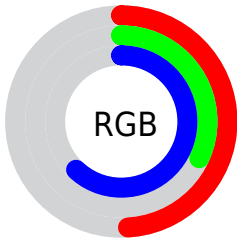
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	126, 82, 157
Decimal	8278685
CIE Lab	42.62, 32.90, -33.89
CIE LCh	43, 47.233, 314.148
Yxy	12.9045, 0.2764, 0.2014
Android (android.graphics.Color)	4286468765 (0xFF7E529D)
YUV	103.7060, 26.2739, 19.5518
Hunter-Lab	35.9229, 25.1221, -30.0722

# Details

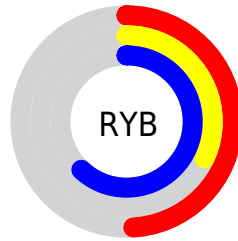
The Hex color **7E529D** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **719D52**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **B485D4**, and **4B2369** is the 20% darker color. If you saturate the color by 10%, you get **78429D**, and if you desaturate by 10%, it is **84629D**.

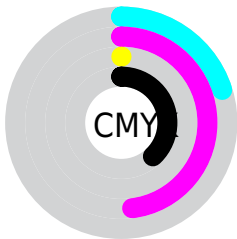
# Distribution



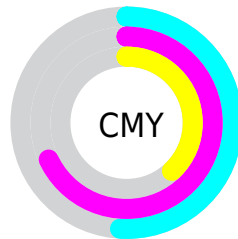
- Red (49%)
- Green (32%)
- Blue (62%)



- Red (49%)
- Yellow (32%)
- Blue (62%)



- Cyan (20%)
- Magenta (48%)
- Yellow (0%)
- Black (38%)



- Cyan (51%)
- Magenta (68%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E529D 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 7E529D by changing the saturation by 10% instead.



7E529D

7E529D

FFFFFF

643A83

B485D4

4B2369

D09FF0

320B51

EDBAFF

1C0039

FFD6FF

000123

FFF3FF

00000A

000000

7E529D

7E529D

78429D

84629D

71339D

8B719D

6B239D

91819D

64139D

98919D

5E039D

9EA19D

5C009D

A5B09D

ABC09D

B2D09D

B8DF9D

# Harmonies

## Analogous

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



3963B1



7E529D



A0427B

# Triad

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



7E529D



895B13



007777

# Complementary

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



7E529D



719D52

# 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.



00764E



7E529D



67680D

# Square

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



7E529D



A24B30



3A7129



00759A

# Rectangle

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



7E529D



AA3E61



3A7129



007769



# Sweetspot

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



7E529D



C0AFCC



52719D



5F5566



E6E6E6



666666



# Same Dimension

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



7E529D



9C58CC



9D5297



4C474F



54008F



09000F



# Inverse Universe

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



9D5271



CC5888



529D58



4F474A



8F003B

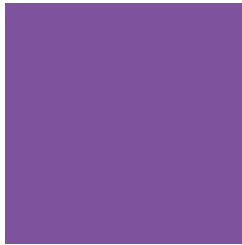


0F0006



# Previews

## White Background



This preview shows how the Hex color 7E529D looks on a white background.

## Color Contrast Check

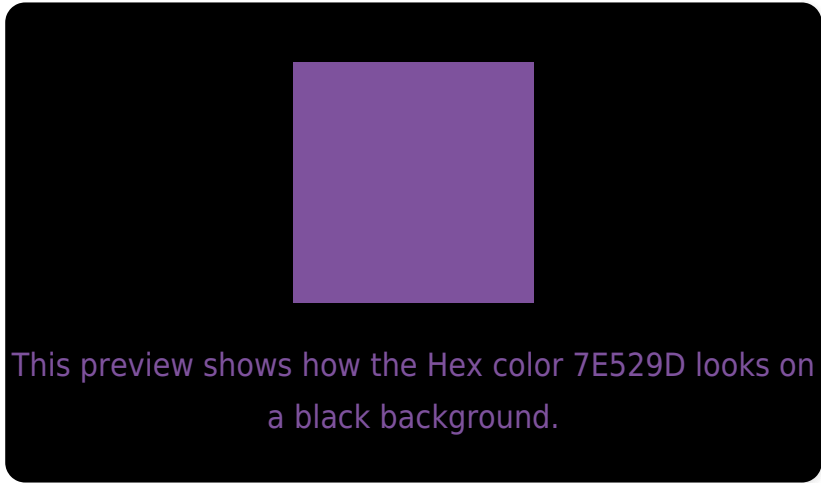
Large Text (above 18pt) WCAG AA ✓ Pass

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

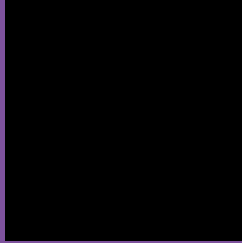
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7E529D Background



This preview shows how black text looks on a background with the Hex color 7E529D.

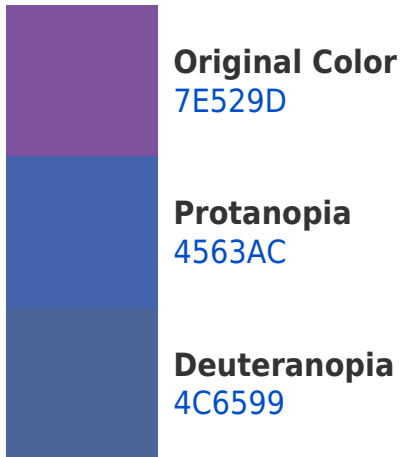


This preview shows how white text looks on a background with the Hex color 7E529D.

# 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**  
755F66

# Trichromacy



**Original Color**  
7E529D



**Protanomaly**  
5A5DA7



**Deuteranomaly**  
5E5E9A



**Tritanomaly**  
785A7A

# Monochromacy



**Original Color**  
7E529D



**Achromatopsia**  
686868



**Achromatomaly**  
70607B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E529D 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 #7E529D looks like.

```
.text, #text, p{  
    color:#7E529D  
}
```

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 #7E529D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E529D
}
```

## Border

The CSS property to change the border of an element to Hex 7E529D is called "border". The border property can be set on classes, ids or directly on the HTML element.

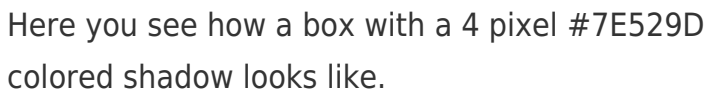
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7E529D }
```

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

```
.border{ border-color:#7E529D }
```

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



Here you see how a box with a 4 pixel #7E529D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E529D; -webkit-box-shadow:4px 4px  
4px 4px #7E529D; box-shadow:4px 4px 4px  
4px #7E529D }
```

# Background

The CSS property to change the background color of an element to Hex 7E529D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E529D }
```

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

```
.background{ background-color:#7E529D }
```

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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