

Converting Colors

Hex(7E649E)

Have a look what the booklet for
Hex(7E649E) contains.

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Color

Hex(7E649E)

Conversions

Conversions Part 1

Format	Color
Hex	7E649E
RGB	126, 100, 158
RGB Percent	49%, 39%, 62%
CMY	0.5059, 0.6078, 0.3804
CMYK	0.20, 0.37, 0.00, 0.38
HSL	267°, 23%, 51%
HSV	267°, 37%, 62%
XYZ	19.3329, 16.0186, 34.4207
YIQ	114.3860, -3.1220, 23.5500

Conversions

Conversions Part 2

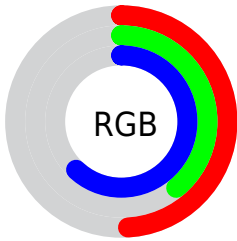
Format	Color
R_{YB}	126, 100, 158
Decimal	8283294
CIE _{Lab}	47.00, 22.50, -27.62
CIE _{LCh}	47, 35.631, 309.168
Yxy	16.0186, 0.2771, 0.2296
Android (android.graphics.Color)	4286473374 (0xFF7E649E)
YUV	114.3860, 21.5017, 10.1855
Hunter-Lab	40.0232, 16.1824, -22.9742

Details

The Hex color **7E649E** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **849E64**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **B497D5**, and **4C356A** is the 20% darker color. If you saturate the color by 10%, you get **75549E**, and if you desaturate by 10%, it is **87749E**.

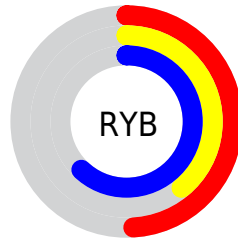
Distribution



Red (49%)

Green (39%)

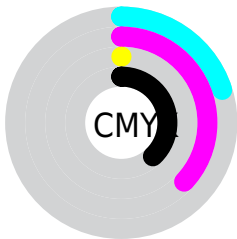
Blue (62%)



Red (49%)

Yellow (39%)

Blue (62%)

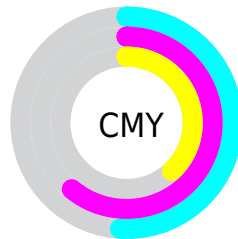


Cyan (20%)

Magenta (37%)

Yellow (0%)

Black (38%)



Cyan (51%)

Magenta (61%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7E649E 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 7E649E by changing the saturation by 10% instead.

■ 7E649E

■ 7E649E

FFFFFF

■ 644C84

■ B497D5

■ 4C356A

■ CFB2F1

■ 341F52

■ ECCEFF

■ 1C0A3A

■ FFEAFF

■ 000025

■ 00000D

■ 000000

■ 7E649E

■ 7E649E

■ 75549E

■ 87749E

6D449E

8F849E

64359E

98939E

5B259E

A1A39E

52159E

AAB39E

4A059E

B2C39E

47009E

BBD39E

C4E29E

CCF29E

Harmonies

Analogous

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



4E6FAA



7E649E



9C5A85

Triad

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



7E649E



936637



007F78

Complementary

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



7E649E



849E64

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.



2E7D59



7E649E



797132

Square

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



7E649E



A45C4B



58793F



007D94

Rectangle

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



7E649E



A65771



58793F



007F6E

Sweetspot

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



7E649E



C2B8CF



64859E



615B69



E8E8E8



696969

Same Dimension

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



7E649E



9C74CF



9A649E



4B474F



40008F



07000F

Inverse Universe

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



9E6484



CF74A6



689E64



4F474C



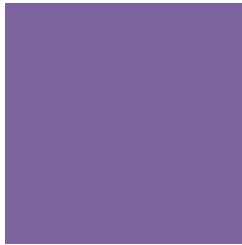
8F004F



0F0008

Previews

White Background



This preview shows how the Hex color 7E649E looks on a white background.

Color Contrast Check

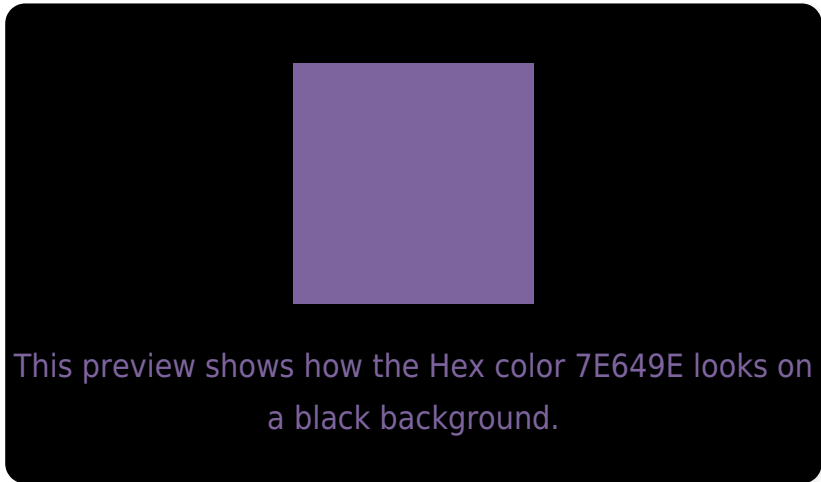
Large Text (above 18pt) WCAG AA ✓ Pass

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

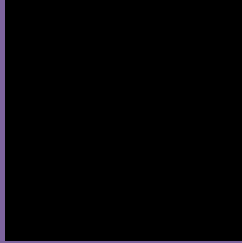
Any Text WCAG AA × Fail

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 7E649E Background



This preview shows how black text looks on a background with the Hex color 7E649E.



This preview shows how white text looks on a background with the Hex color 7E649E.

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



Original Color
7E649E

Protanopia
5D6EA6

Deuteranopia
606E9C



Tritanopia
776C75

Trichromacy



Original Color
7E649E

Protanomaly
696AA3

Deuteranomaly
6B6A9D

Tritanomaly
7A6984

Monochromacy



Original Color
7E649E

Achromatopsia
727272

Achromatomaly
766D82

CSS Examples

Text

The CSS property to change the color of the text to Hex 7E649E 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 #7E649E looks like.

```
.text, #text, p{  
    color:#7E649E  
}
```

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 #7E649E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E649E
}
```

Border

The CSS property to change the border of an element to Hex 7E649E 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
#7E649E }
```

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

```
.border{ border-color:#7E649E }
```

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

Here you see how a box with a 4 pixel #7E649E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E649E; -webkit-box-shadow:4px 4px  
4px 4px #7E649E; box-shadow:4px 4px 4px  
4px #7E649E }
```

Background

The CSS property to change the background color of an element to Hex 7E649E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E649E }
```

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

```
.background{ background-color:#7E649E }
```

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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