

Converting Colors

Hex(7E4781)

Have a look what the booklet for
Hex(7E4781) contains.

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Color

Hex(7E4781)

Conversions

Conversions Part 1

Format	Color
Hex	7E4781
RGB	126, 71, 129
RGB Percent	49%, 28%, 51%
CMY	0.5059, 0.7216, 0.4941
CMYK	0.02, 0.45, 0.00, 0.49
HSL	297°, 29%, 39%
HSV	297°, 45%, 51%
XYZ	14.8199, 10.5271, 22.0197
YIQ	94.0570, 14.1620, 29.6980

Conversions

Conversions Part 2

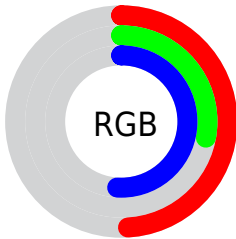
Format	Color
R_{YB}	126, 71, 129
Decimal	8275841
CIE _{Lab}	38.77, 33.03, -22.96
CIE _{LCh}	39, 40.224, 325.195
Yxy	10.5271, 0.3129, 0.2222
Android (android.graphics.Color)	4286465921 (0xFF7E4781)
YUV	94.0570, 17.2269, 28.0140
Hunter-Lab	32.4455, 24.7526, -17.5264

Details

The Hex color **7E4781** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4A8147**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **B479B6**, and **4B174F** is the 20% darker color. If you saturate the color by 10%, you get **7D3A81**, and if you desaturate by 10%, it is **7F5481**.

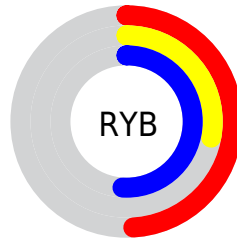
Distribution



Red (49%)

Green (28%)

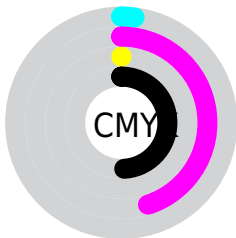
Blue (51%)



Red (49%)

Yellow (28%)

Blue (51%)

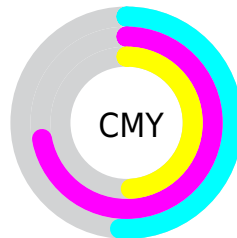


Cyan (2%)

Magenta (45%)

Yellow (0%)

Black (49%)



Cyan (51%)

Magenta (72%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7E4781 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 7E4781 by changing the saturation by 10% instead.

7E4781

7E4781

FFFFFF

642F68

B479B6

4B174F

D093D2

330038

EDAEEE

200023

FFCAFF

000009

FFE6FF

000000

7E4781

7E4781

7D3A81

7F5481

7D2D81

7F6181

7C2081

806E81

7B1381

817B81

7B0781

818881

7A0081

829481

83A181

83AE81

84BB81

Harmonies

Analogous

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



535597



7E4781



933E62

Triad

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



7E4781



715815



006B76

Complementary

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



7E4781



4A8147

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.



006B55



7E4781



52621B

Square

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



7E4781



894B26



266834



006890

Rectangle

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



7E4781



973E4C



266834



006B6B

Sweetspot

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



7E4781



A792A8



474B81



534754



D4D4D4



545454

Same Dimension

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



7E4781



A44DA8



814768



3F3940



790080



000000

Inverse Universe

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



81474A



A84D52



478160



40393A



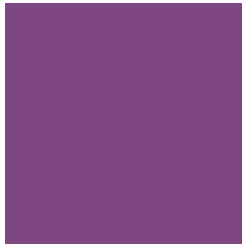
800007



000000

Previews

White Background



This preview shows how the Hex color 7E4781 looks on a white background.

Color Contrast Check

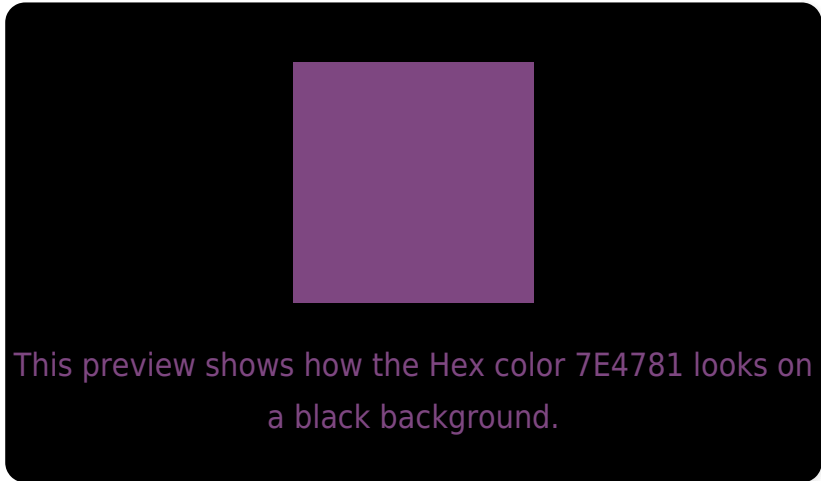
Large Text (above 18pt) WCAG AA ✓ Pass

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

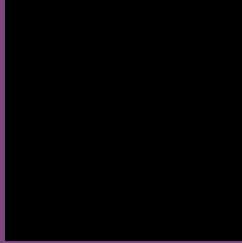
Any Text WCAG AA × Fail

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 7E4781 Background



This preview shows how black text looks on a background with the Hex color 7E4781.

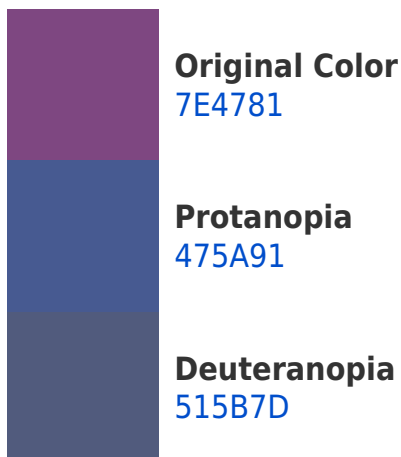


This preview shows how white text looks on a background with the Hex color 7E4781.

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
795157

Trichromacy



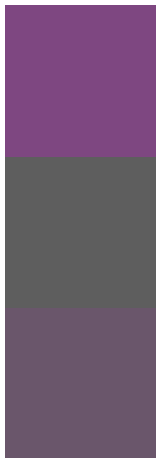
Original Color
7E4781

Protanomaly
5B538B

Deuteranomaly
61547E

Tritanomaly
7B4D66

Monochromacy



Original Color
7E4781

Achromatopsia
5E5E5E

Achromatomaly
6A566B

CSS Examples

Text

The CSS property to change the color of the text to Hex 7E4781 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 #7E4781 looks like.

```
.text, #text, p{  
    color:#7E4781  
}
```

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 #7E4781 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E4781
}
```

Border

The CSS property to change the border of an element to Hex 7E4781 is called "border". The border property can be set on classes, ids or directly on the HTML element.

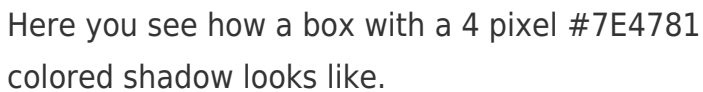
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7E4781 }
```

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

```
.border{ border-color:#7E4781 }
```

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



Here you see how a box with a 4 pixel #7E4781 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E4781; -webkit-box-shadow:4px 4px  
4px 4px #7E4781; box-shadow:4px 4px 4px  
4px #7E4781 }
```

Background

The CSS property to change the background color of an element to Hex 7E4781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E4781 }
```

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

```
.background{ background-color:#7E4781 }
```

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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