

# Converting Colors

Hex(7E4F76)

Have a look what the booklet for  
Hex(7E4F76) contains.

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# Color

**Hex(7E4F76)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E4F76
RGB	126, 79, 118
RGB Percent	49%, 31%, 46%
CMY	0.5059, 0.6902, 0.5373
CMYK	0.00, 0.37, 0.06, 0.51
HSL	310°, 23%, 40%
HSV	310°, 37%, 49%
XYZ	14.6702, 11.3356, 18.5543
YIQ	97.4990, 15.4930, 22.0930

# Conversions

## Conversions Part 2

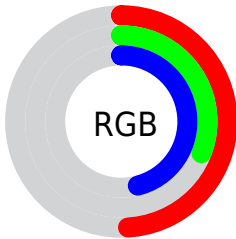
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 79, 118
Decimal	8277878
CIE <sub>Lab</sub>	40.14, 26.22, -14.09
CIE <sub>LCh</sub>	40, 29.768, 331.754
Yxy	11.3356, 0.3292, 0.2544
Android (android.graphics.Color)	4286467958 (0xFF7E4F76)
<b>YUV</b>	97.4990, 10.1070, 24.9954
Hunter-Lab	33.6684, 18.8574, -9.1063

# Details

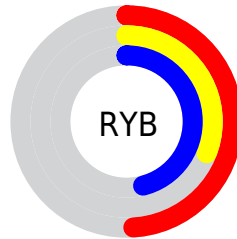
The Hex color **7E4F76** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **4F7E57**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **B481AA**, and **4C2146** is the 20% darker color. If you saturate the color by 10%, you get **7E4274**, and if you desaturate by 10%, it is **7E5C78**.

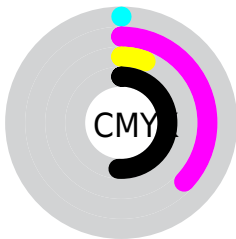
# Distribution



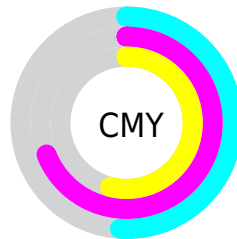
- Red (49%)
- Green (31%)
- Blue (46%)



- Red (49%)
- Yellow (31%)
- Blue (46%)



- Cyan (0%)
- Magenta (37%)
- Yellow (6%)
- Black (51%)



- Cyan (51%)
- Magenta (69%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E4F76 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 7E4F76 by changing the saturation by 10% instead.



7E4F76

7E4F76

FFFFFF

64375D

B481AA

4C2146

CF9BC6

340A2F

ECB6E2

22001B

FFD2FE

000000

FFEEFF

7E4F76

7E4F76

7E4274

7E5C78

7E3672

7E687A

7E2970

7E757C

7E1D6D

7E817F

7E106B

7E8E81

7E0369

7E9B83

7E0069

7EA785

7EB487

7EC089

# Harmonies

## Analogous

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



635888



7E4F76



8C4B5E

# Triad

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



7E4F76



6C5E2D



006B77

# Complementary

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



7E4F76



4F7E57

# 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.



006B5F



7E4F76



536534

# Square

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



7E4F76



805534



346947



006789

# Rectangle

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



7E4F76



8D4C4E



346947



006B70



# Sweetspot

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



7E4F76



A391A0



574F7E



524750



D1D1D1



525252



# Same Dimension

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



7E4F76



A35A97



7E4F5F



40393F



80006A



000000



# Inverse Universe

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



7E4F76



A35A97



4F7E6E



40393F



80006A

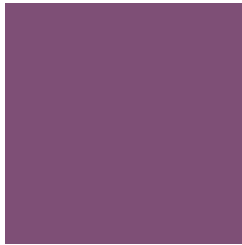


000000



# Previews

## White Background



This preview shows how the Hex color 7E4F76 looks on a white background.

## Color Contrast Check

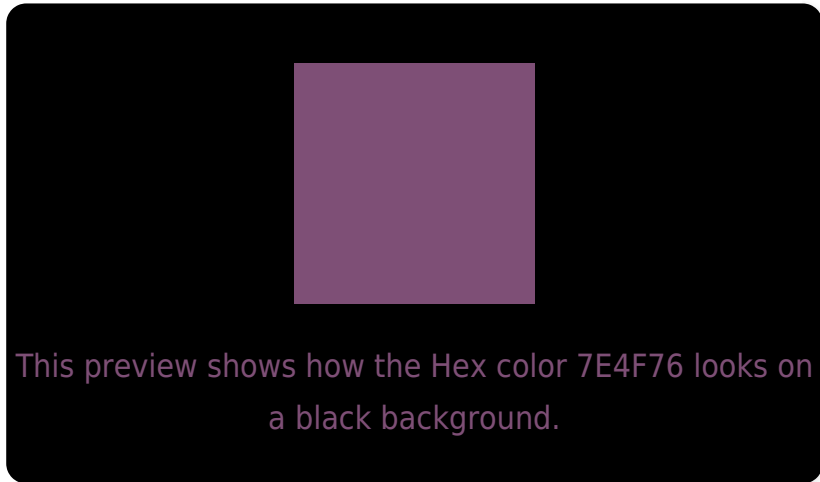
Large Text (above 18pt) WCAG AA ✓ Pass

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

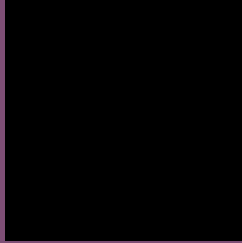
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7E4F76 Background



This preview shows how black text looks on a background with the Hex color 7E4F76.

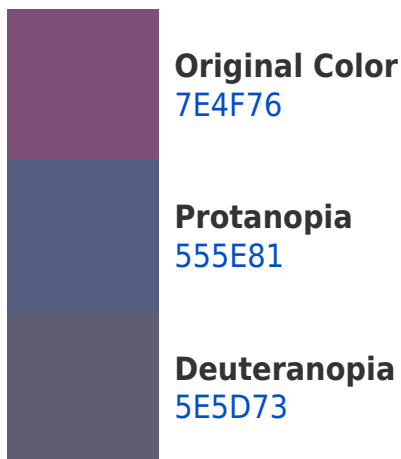



This preview shows how white text looks on a background with the Hex color 7E4F76.

# 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**  
7B545B

# Trichromacy



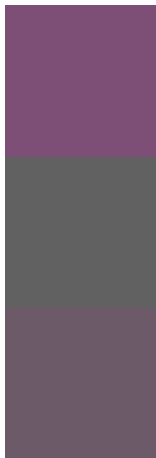
**Original Color**  
7E4F76

**Protanomaly**  
64597D

**Deuteranomaly**  
6A5874

**Tritanomaly**  
7C5265

# Monochromacy



**Original Color**  
7E4F76

**Achromatopsia**  
616161

**Achromatomaly**  
6C5A69

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E4F76 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 #7E4F76 looks like.

```
.text, #text, p{  
    color:#7E4F76  
}
```

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 #7E4F76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E4F76
}
```

## Border

The CSS property to change the border of an element to Hex 7E4F76 is called "border". The border property can be set on classes, ids or directly on the HTML element.

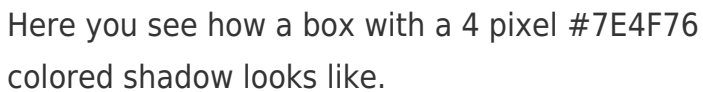
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7E4F76 }
```

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

```
.border{ border-color:#7E4F76 }
```

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



Here you see how a box with a 4 pixel #7E4F76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E4F76; -webkit-box-shadow:4px 4px  
4px 4px #7E4F76; box-shadow:4px 4px 4px  
4px #7E4F76 }
```

# Background

The CSS property to change the background color of an element to Hex 7E4F76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E4F76 }
```

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

```
.background{ background-color:#7E4F76 }
```

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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