

# Converting Colors

Hex(7E5A78)

Have a look what the booklet for  
Hex(7E5A78) contains.

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# Color

**Hex(7E5A78)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E5A78
RGB	126, 90, 120
RGB Percent	49%, 35%, 47%
CMY	0.5059, 0.6471, 0.5294
CMYK	0.00, 0.29, 0.05, 0.51
HSL	310°, 17%, 42%
HSV	310°, 29%, 49%
XYZ	15.6505, 13.1040, 19.4738
YIQ	104.1840, 11.8260, 16.9620

# Conversions

## Conversions Part 2

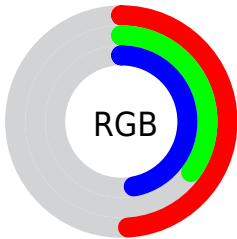
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 90, 120
Decimal	8280696
CIE <sub>Lab</sub>	42.92, 20.09, -11.10
CIE <sub>LCh</sub>	43, 22.950, 331.082
Yxy	13.1040, 0.3245, 0.2717
Android (android.graphics.Color)	4286470776 (0xFF7E5A78)
YUV	104.1840, 7.7973, 19.1326
Hunter-Lab	36.1995, 13.8238, -6.5558

# Details

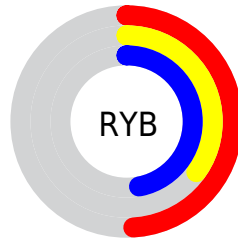
The Hex color **7E5A78** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5A7E60**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **B38CAC**, and **4C2C47** is the 20% darker color. If you saturate the color by 10%, you get **7E4D76**, and if you desaturate by 10%, it is **7E677A**.

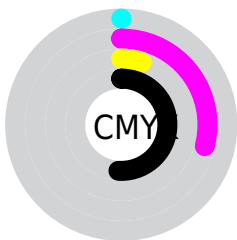
# Distribution



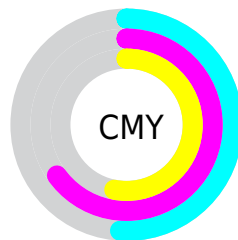
- Red (49%)
- Green (35%)
- Blue (47%)



- Red (49%)
- Yellow (35%)
- Blue (47%)



- Cyan (0%)
- Magenta (29%)
- Yellow (5%)
- Black (51%)



- Cyan (51%)
- Magenta (65%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E5A78 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 7E5A78 by changing the saturation by 10% instead.



7E5A78

7E5A78

FFFFFF

65425F

B38CAC

4C2C47

CFA7C8

351631

EBC2E4

21001C

FFDEFF

000000

FFFBFF

7E5A78

7E5A78

7E4D76

7E677A

7E4174

7E737C

7E3472

7E807E

7E2870

7E8C80

7E1B6D

7E9983

7E0E6B

7EA685

7E0269

7EB287

7E0069

7EBF89

7ECB8B

# Harmonies

## Analogous

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



696086



7E5A78



895765

# Triad

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



7E5A78



72643F



236F78

# Complementary

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



7E5A78



5A7E60

# 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.



317065



7E5A78



5E6A44

# Square

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



7E5A78



815E45



476E52



306C86

# Rectangle

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



7E5A78



8B5859



476E52



257072



# Sweetspot

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



7E5A78



A395A1



605A7E



524950



D1D1D1



525252



# Same Dimension

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



7E5A78



A36C9A



7E5A66



40393F



80006A



000000



# Inverse Universe

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



7E5A78



A36C9A



5A7E72



40393F



80006A

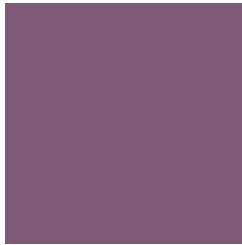


000000



# Previews

## White Background



This preview shows how the Hex color 7E5A78 looks on a white background.

## Color Contrast Check

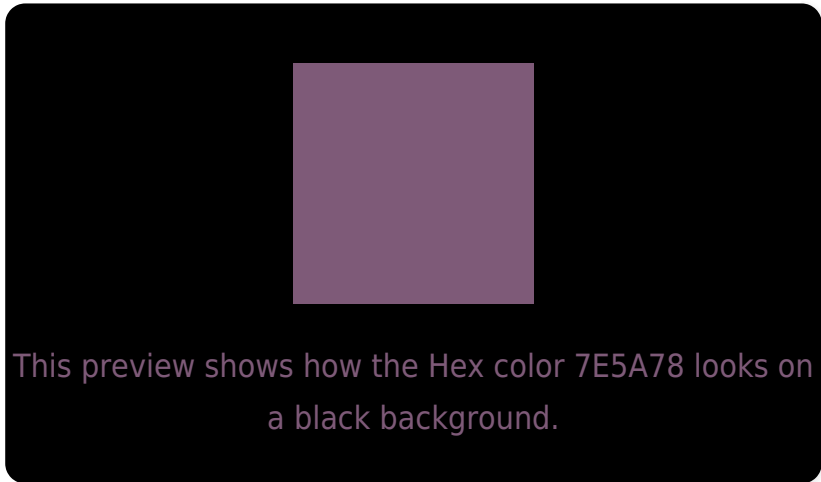
Large Text (above 18pt) WCAG AA ✓ Pass

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

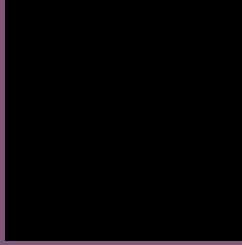
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7E5A78 Background



This preview shows how black text looks on a background with the Hex color 7E5A78.

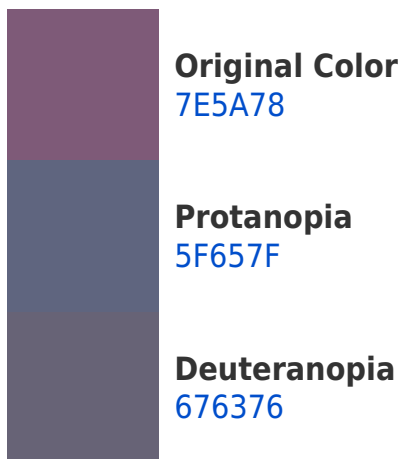


This preview shows how white text looks on a background with the Hex color 7E5A78.

# 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**  
7B5E65

# Trichromacy



**Original Color**  
7E5A78

**Protanomaly**  
6A617C

**Deuteranomaly**  
6F6077

**Tritanomaly**  
7C5D6C

# Monochromacy



**Original Color**  
7E5A78

**Achromatopsia**  
686868

**Achromatomaly**  
70636E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E5A78 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 #7E5A78 looks like.

```
.text, #text, p{  
    color:#7E5A78  
}
```

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 #7E5A78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E5A78
}
```

## Border

The CSS property to change the border of an element to Hex 7E5A78 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".

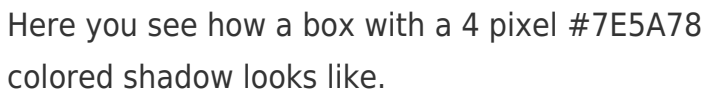
```
.border, #border, table{ border:4px solid
#7E5A78 }
```

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

```
.border{ border-color:#7E5A78 }
```

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

Here you see how a box with a 4 pixel #7E5A78 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E5A78; -webkit-box-shadow:4px 4px  
4px 4px #7E5A78; box-shadow:4px 4px 4px  
4px #7E5A78 }
```

# Background

The CSS property to change the background color of an element to Hex 7E5A78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E5A78 }
```

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

```
.background{ background-color:#7E5A78 }
```

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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