

# Converting Colors

Hex(7E6687)

Have a look what the booklet for  
Hex(7E6687) contains.

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# Color

**Hex(7E6687)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7E6687
RGB	126, 102, 135
RGB Percent	49%, 40%, 53%
CMY	0.5059, 0.6000, 0.4706
CMYK	0.07, 0.24, 0.00, 0.47
HSL	284°, 14%, 46%
HSV	284°, 24%, 53%
XYZ	17.7287, 15.6876, 25.0153
YIQ	112.9380, 3.7110, 15.3510

# Conversions

## Conversions Part 2

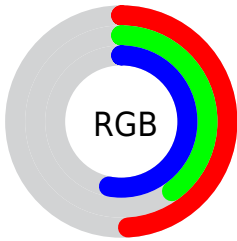
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 102, 135
Decimal	8283783
CIE <sub>Lab</sub>	46.56, 16.02, -14.63
CIE <sub>LCh</sub>	47, 21.692, 317.598
Yxy	15.6876, 0.3034, 0.2685
Android (android.graphics.Color)	4286473863 (0xFF7E6687)
YUV	112.9380, 10.8766, 11.4554
Hunter-Lab	39.6076, 10.5849, -9.7209

# Details

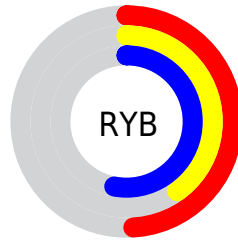
The Hex color **7E6687** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6F8766**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **B399BC**, and **4D3755** is the 20% darker color. If you saturate the color by 10%, you get **7A5987**, and if you desaturate by 10%, it is **827487**.

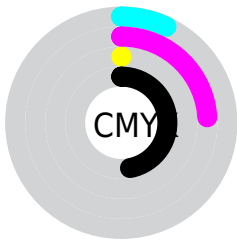
# Distribution



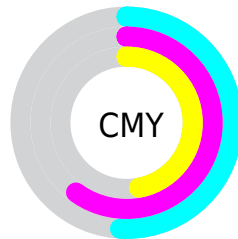
- Red (49%)
- Green (40%)
- Blue (53%)



- Red (49%)
- Yellow (40%)
- Blue (53%)



- Cyan (7%)
- Magenta (24%)
- Yellow (0%)
- Black (47%)



- Cyan (51%)
- Magenta (60%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E6687 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 7E6687 by changing the saturation by 10% instead.



■ 7E6687

■ 7E6687

FFFFFF

■ 654E6E

■ B399BC

■ 4D3755

■ CFB4D8

■ 35213E

■ EBD0F5

■ 200C28

■ FFECFF

■ 000013

■ 000000

■ 7E6687

■ 7E6687

■ 7A5987

■ 827487

■ 774B87

■ 858187

733E87

898F87

6F3087

8D9C87

6C2387

90AA87

681587

94B787

640887

98C487

620087

9BD287

9FE087

# Harmonies

## Analogous

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



666C91



7E6687



8E6277

# Triad

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



7E6687



826B4B



367879

# Complementary

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



7E6687



6F8766

# 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.



477866



7E6687



70714B

# Square

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



7E6687



8E6554



5C7555



377689

# Rectangle

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



7E6687



92616A



5C7555



3B7872



# Sweetspot

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



7E6687



ADA4B0



666F87



575259



D9D9D9



595959



# Same Dimension

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



7E6687



A27DB0



876680



403C42



5F0082



020003



# Inverse Universe

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



87666F



B07D8B



66876D



423C3D



820023

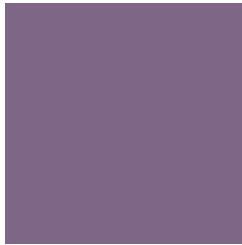


030001



# Previews

## White Background



This preview shows how the Hex color 7E6687 looks on a white background.

## Color Contrast Check

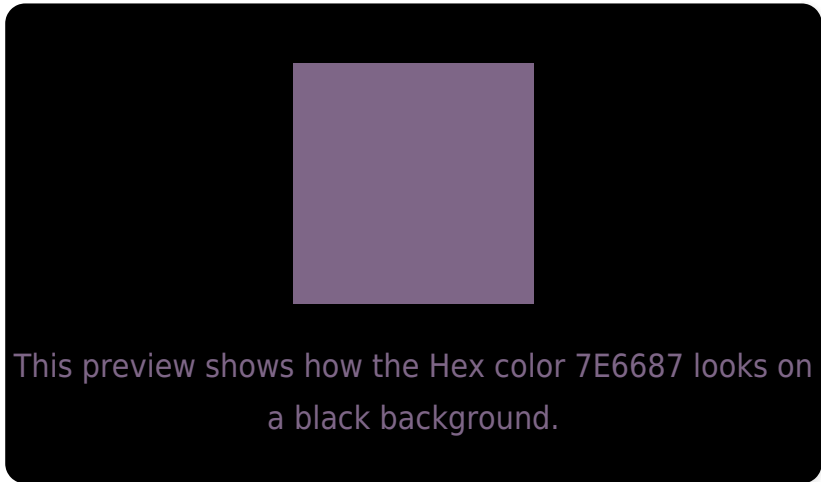
Large Text (above 18pt) WCAG AA ✓ Pass

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

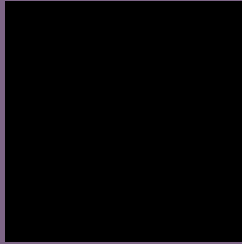
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7E6687 Background



This preview shows how black text looks on a background with the Hex color 7E6687.



This preview shows how white text looks on a background with the Hex color 7E6687.

# 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**  
7E6687

**Protanopia**  
676D8C

**Deuteranopia**  
6E6C86



**Tritanopia**  
7B6A72

# Trichromacy



**Original Color**

7E6687

**Protanomaly**

6F6A8A

**Deuteranomaly**

746A86

**Tritanomaly**

7C697A

# Monochromacy



**Original Color**

7E6687

**Achromatopsia**

717171

**Achromatomaly**

766D79

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E6687 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 #7E6687 looks like.

```
.text, #text, p{  
    color:#7E6687  
}
```

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 #7E6687 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E6687
}
```

## Border

The CSS property to change the border of an element to Hex 7E6687 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
#7E6687 }
```

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

```
.border{ border-color:#7E6687 }
```

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

Here you see how a box with a 4 pixel #7E6687 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E6687; -webkit-box-shadow:4px 4px  
4px 4px #7E6687; box-shadow:4px 4px 4px  
4px #7E6687 }
```

# Background

The CSS property to change the background color of an element to Hex 7E6687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E6687 }
```

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

```
.background{ background-color:#7E6687 }
```

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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