

# Converting Colors

Hex(7E7180)

Have a look what the booklet for  
Hex(7E7180) contains.

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# Color

**Hex(7E7180)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E7180
RGB	126, 113, 128
RGB Percent	49%, 44%, 50%
CMY	0.5059, 0.5569, 0.4980
CMYK	0.02, 0.12, 0.00, 0.50
HSL	292°, 6%, 47%
HSV	292°, 12%, 50%
XYZ	18.4056, 17.8044, 22.8886
YIQ	118.5970, 2.9330, 7.4210

# Conversions

## Conversions Part 2

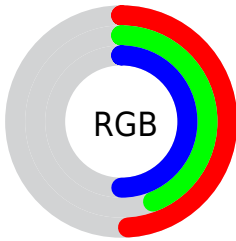
<b>Format</b>	<b>Color</b>
<b>RYB</b>	126, 113, 128
Decimal	8286592
CIELab	49.26, 7.99, -6.40
CIELCh	49, 10.239, 321.278
Yxy	17.8044, 0.3114, 0.3013
Android (android.graphics.Color)	4286476672 (0xFF7E7180)
YUV	118.5970, 4.6357, 6.4924
Hunter-Lab	42.1952, 4.0201, -2.6249

# Details

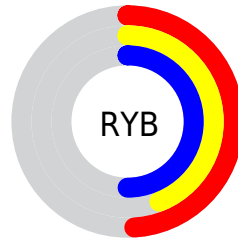
The Hex color **7E7180** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **738071**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **B3A5B5**, and **4D414F** is the 20% darker color. If you saturate the color by 10%, you get **7C6480**, and if you desaturate by 10%, it is **807E80**.

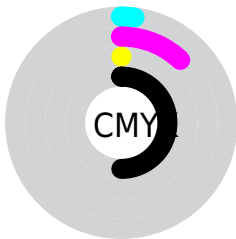
# Distribution



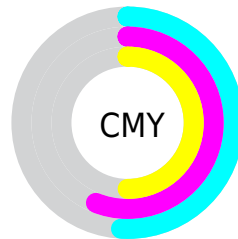
- Red (49%)
- Green (44%)
- Blue (50%)



- Red (49%)
- Yellow (44%)
- Blue (50%)



- Cyan (2%)
- Magenta (12%)
- Yellow (0%)
- Black (50%)



- Cyan (51%)
- Magenta (56%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E7180 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 7E7180 by changing the saturation by 10% instead.



7E7180

7E7180

FFFFFF

655967

B3A5B5

4D414F

CEC0D0

362B38

EADCED

211723

FFF8FF

07000D

000000

7E7180

7E7180

7C6480

807E80

7B5780

818B80

794B80

839780

773E80

85A480

753180

87B180

742480

88BE80

721780

8ACB80

700B80

8CD780

6F0080

8DE480

# Harmonies

## Analogous

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



747485



7E7180



856F78

# Triad

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



7E7180



7F7464



5F7A7B

# Complementary

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



7E7180



738071

# 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.



637A72



7E7180



757665

# Square

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



7E7180



857168



6B796A



617982

# Rectangle

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



7E7180



876F72



6B796A



607A78



# Sweetspot

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



7E7180



A59FA6



717380



545054



D4D4D4



545454



# Same Dimension

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



7E7180



A38FA6



80717A



3F3940



6F0080



000000



# Inverse Universe

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



807173



A68F92



718077



40393A



800011



000000



# Previews

## White Background



This preview shows how the Hex color 7E7180 looks on a white background.

## Color Contrast Check

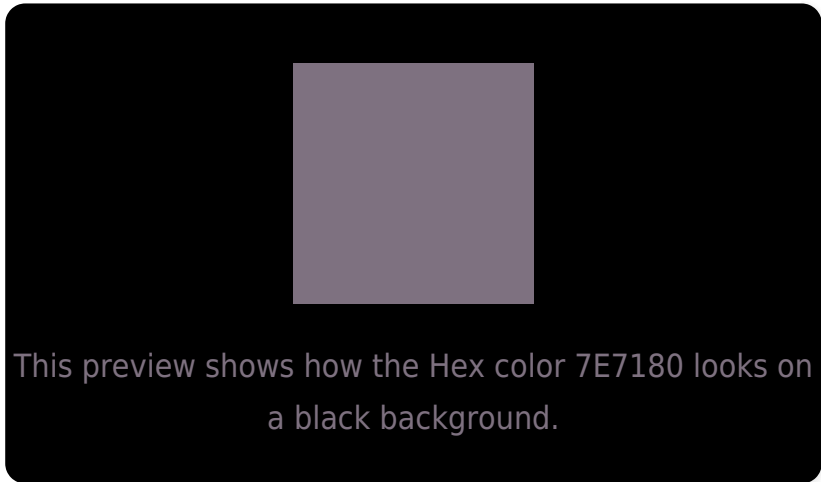
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

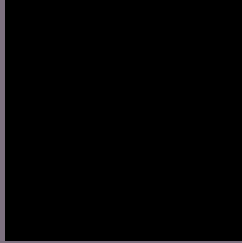
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7E7180 Background



This preview shows how black text looks on a background with the Hex color 7E7180.



This preview shows how white text looks on a background with the Hex color 7E7180.

# 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**

7E7180

**Protanopia**

737482

**Deuteranopia**

7C7280



**Tritanopia**  
7D727B

# Trichromacy



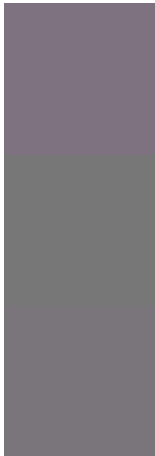
**Original Color**  
7E7180

**Protanomaly**  
777381

**Deuteranomaly**  
7D7280

**Tritanomaly**  
7D727D

# Monochromacy



**Original Color**  
7E7180

**Achromatopsia**  
777777

**Achromatomaly**  
7A757A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E7180 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 #7E7180 looks like.

```
.text, #text, p{  
    color:#7E7180  
}
```

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 #7E7180 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E7180
}
```

## Border

The CSS property to change the border of an element to Hex 7E7180 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
#7E7180 }
```

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

```
.border{ border-color:#7E7180 }
```

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

Here you see how a box with a 4 pixel #7E7180 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E7180; -webkit-box-shadow:4px 4px  
4px 4px #7E7180; box-shadow:4px 4px 4px  
4px #7E7180 }
```

# Background

The CSS property to change the background color of an element to Hex 7E7180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E7180 }
```

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

```
.background{ background-color:#7E7180 }
```

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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