

# Converting Colors

Hex(7E8782)

Have a look what the booklet for  
Hex(7E8782) contains.

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# Color

Hex(7E8782)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E8782
RGB	126, 135, 130
RGB Percent	49%, 53%, 51%
CMY	0.5059, 0.4706, 0.4902
CMYK	0.07, 0.00, 0.04, 0.47
HSL	147°, 4%, 51%
HSV	147°, 7%, 53%
XYZ	21.2974, 23.3753, 24.5085
YIQ	131.7390, -3.7590, -3.4630

# Conversions

## Conversions Part 2

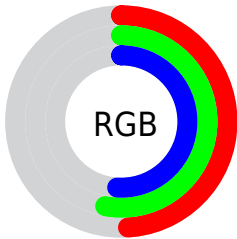
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 132, 135
Decimal	8292226
CIE <sub>Lab</sub>	55.46, -4.31, 1.54
CIE <sub>LCh</sub>	55, 4.579, 160.332
Yxy	23.3753, 0.3078, 0.3379
Android (android.graphics.Color)	4286482306 (0xFF7E8782)
YUV	131.7390, -0.8573, -5.0331
Hunter-Lab	48.3480, -5.9792, 3.7884

# Details

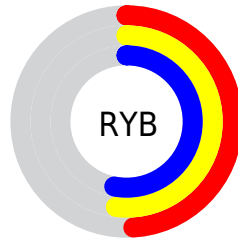
The Hex color **7E8782** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **877E83**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **B3BCB7**, and **4D5551** is the 20% darker color. If you saturate the color by 10%, you get **71877A**, and if you desaturate by 10%, it is **8C878A**.

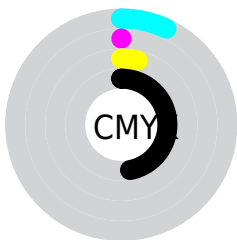
# Distribution



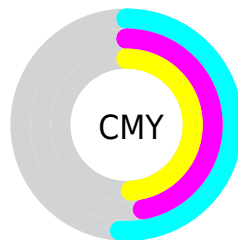
- Red (49%)
- Green (53%)
- Blue (51%)



- Red (49%)
- Yellow (52%)
- Blue (53%)



- Cyan (7%)
- Magenta (0%)
- Yellow (4%)
- Black (47%)



- Cyan (51%)
- Magenta (47%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E8782 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 7E8782 by changing the saturation by 10% instead.





7E8782



7E8782

FFFFFF



656E69



B3BCB7



4D5551



CED8D2



363E3A



EAF4EF



212824



0A140F



000000



7E8782



7E8782



71877A



8C878A



638773



998791

■ 56876B

■ A78799

■ 488764

■ B487A0

■ 3B875C

■ C287A8

■ 2D8755

■ CF87AF

■ 20874D

■ DD87B7

■ 128746

■ EA87BE

■ 05873E

■ F887C6

# Harmonies

## Analogous

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



82867F



7E8782



7C8786

# Triad

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



7E8782



83858D



8D8380

# Complementary

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



7E8782



877E83

# 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.



8D8284



7E8782



87838B

# Square

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



7E8782



7E868C



8B8288



8B847D

# Rectangle

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



7E8782



7B8789



8B8288



8E8281



# Sweetspot

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



7E8782



ACB0AE



83877E



575958



D9D9D9



595959



# Same Dimension

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



7E8782



A2B0A8



7E8786



3C423F



00823A



000301



# Inverse Universe

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



877E83



B0A2AA



877E7F



423C3F



820048

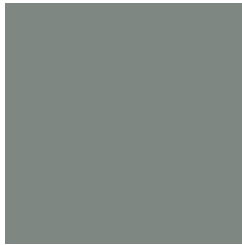


030001



# Previews

## White Background



This preview shows how the Hex color 7E8782 looks on a white background.

## Color Contrast Check

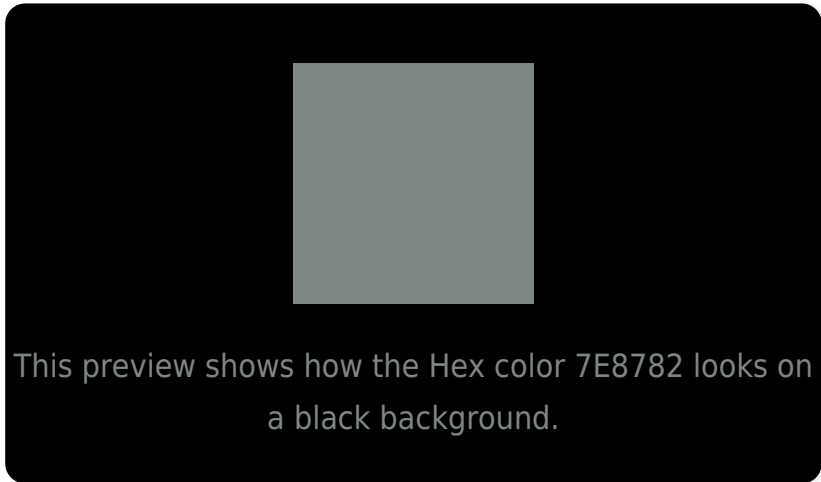
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

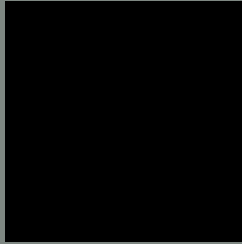
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7E8782 Background



This preview shows how black text looks on a background with the Hex color 7E8782.



This preview shows how white text looks on a background with the Hex color 7E8782.

# 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**


7E8782

**Protanopia**

888480

**Deuteranopia**

928083



**Tritanopia**  
80858F

# Trichromacy



**Original Color**

7E8782

**Protanomaly**

848581

**Deuteranomaly**

8B8383

**Tritanomaly**

7F868A

# Monochromacy



**Original Color**

7E8782

**Achromatopsia**

848484

**Achromatomaly**

828583

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E8782 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 #7E8782 looks like.

```
.text, #text, p{  
    color:#7E8782  
}
```

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 #7E8782 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E8782
}
```

## Border

The CSS property to change the border of an element to Hex 7E8782 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
#7E8782 }
```

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

```
.border{ border-color:#7E8782 }
```

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

Here you see how a box with a 4 pixel #7E8782 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E8782; -webkit-box-shadow:4px 4px  
4px 4px #7E8782; box-shadow:4px 4px 4px  
4px #7E8782 }
```

# Background

The CSS property to change the background color of an element to Hex 7E8782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E8782 }
```

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

```
.background{ background-color:#7E8782 }
```

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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