

# Converting Colors

Hex(7E8987)

Have a look what the booklet for  
Hex(7E8987) contains.

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# Color

**Hex(7E8987)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E8987
RGB	126, 137, 135
RGB Percent	49%, 54%, 53%
CMY	0.5059, 0.4627, 0.4706
CMYK	0.08, 0.00, 0.01, 0.46
HSL	169°, 4%, 52%
HSV	169°, 8%, 54%
XYZ	21.9230, 24.0762, 26.4134
YIQ	133.4830, -5.9140, -2.9540

# Conversions

## Conversions Part 2

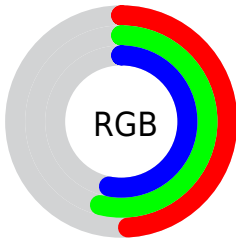
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 132, 137
Decimal	8292743
CIE <sub>Lab</sub>	56.16, -4.42, -0.31
CIE <sub>LCh</sub>	56, 4.426, 184.058
Yxy	24.0762, 0.3028, 0.3325
Android (android.graphics.Color)	4286482823 (0xFF7E8987)
YUV	133.4830, 0.7479, -6.5626
Hunter-Lab	49.0675, -6.1156, 2.4311

# Details

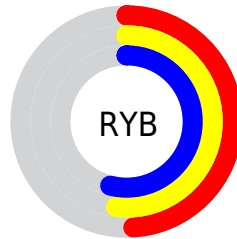
The Hex color **7E8987** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **897E80**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **B3BEBC**, and **4D5755** is the 20% darker color. If you saturate the color by 10%, you get **708985**, and if you desaturate by 10%, it is **8C8989**.

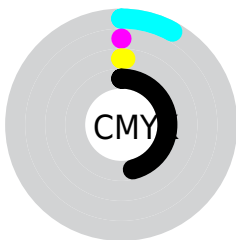
# Distribution



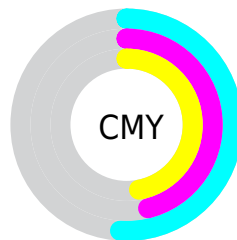
- Red (49%)
- Green (54%)
- Blue (53%)



- Red (49%)
- Yellow (52%)
- Blue (54%)



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (46%)



- Cyan (51%)
- Magenta (46%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E8987 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 7E8987 by changing the saturation by 10% instead.



■ 7E8987

FFFFFF

■ B3BEBC

■ CEDAD8

■ EAF7F4

■ 7E8987

■ 65706E

■ 4D5755

■ 36403E

■ 212A28

■ 0B1614

■ 000000

■ 7E8987

■ 708985

■ 638982

■ 7E8987

■ 8C8989

■ 99898C

■ 558980

■ A7898E

■ 47897D

■ B58991

■ 3A897B

■ C38993

■ 2C8978

■ D08996

■ 1E8976

■ DE8998

■ 108973

■ EC899B

■ 038971

■ F9899D

# Harmonies

## Analogous

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



818983



7E8987



7E898B

# Triad

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



7E8987



88858D



8D8580

# Complementary

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



7E8987



897E80

# 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.



8F8482



7E8987



8C858A

# Square

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



7E8987



83878E



8F8486



89867F

# Rectangle

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



7E8987



7F888D



8F8486



8E8581



# Sweetspot

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



7E8987



AFB3B2



80897E



575959



D9D9D9



595959



# Same Dimension

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



7E8987



A1B3AF



7E8689



3E4544



00856C



000504



# Inverse Universe

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



897E80



B3A1A4



89817E



453E3F



850018



050001



# Previews

## White Background



This preview shows how the Hex color 7E8987 looks on a white background.

## Color Contrast Check

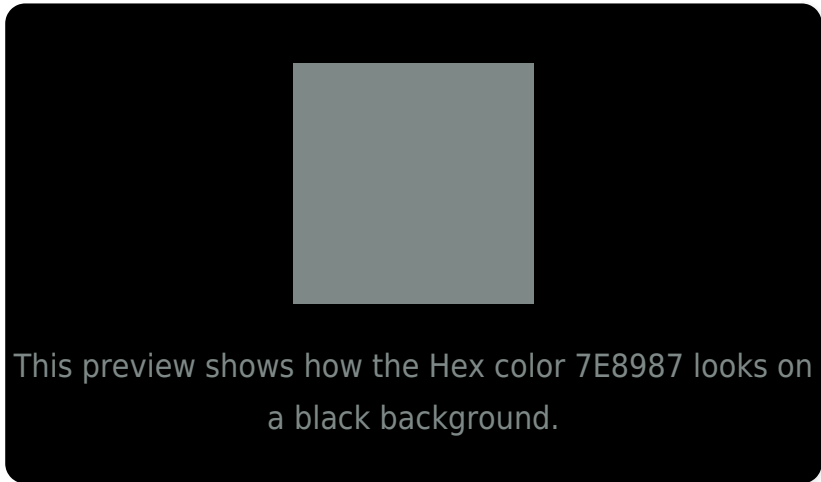
Large Text (above 18pt) WCAG AA ✓ Pass

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

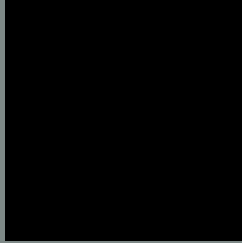
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

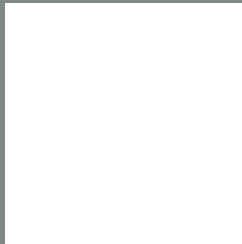
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7E8987 Background



This preview shows how black text looks on a background with the Hex color 7E8987.



This preview shows how white text looks on a background with the Hex color 7E8987.

# 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**  
7E8987

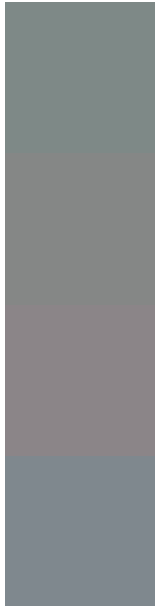
**Protanopia**  
898685

**Deuteranopia**  
938288



**Tritanopia**  
808792

# Trichromacy



**Original Color**  
7E8987

**Protanomaly**  
858786

**Deuteranomaly**  
8B8588

**Tritanomaly**  
7F888E

# Monochromacy



**Original Color**  
7E8987

**Achromatopsia**  
858585

**Achromatomaly**  
828686

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E8987 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 #7E8987 looks like.

```
.text, #text, p{  
  color:#7E8987  
}
```

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 #7E8987 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E8987
}
```

## Border

The CSS property to change the border of an element to Hex 7E8987 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
#7E8987 }
```

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

```
.border{ border-color:#7E8987 }
```

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

Here you see how a box with a 4 pixel #7E8987 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E8987; -webkit-box-shadow:4px 4px  
4px 4px #7E8987; box-shadow:4px 4px 4px  
4px #7E8987 }
```

# Background

The CSS property to change the background color of an element to Hex 7E8987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E8987 }
```

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

```
.background{ background-color:#7E8987 }
```

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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