

# Converting Colors

Hex(7E8680)

Have a look what the booklet for  
Hex(7E8680) contains.

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# Color

**Hex(7E8680)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E8680
RGB	126, 134, 128
RGB Percent	49%, 53%, 50%
CMY	0.5059, 0.4745, 0.4980
CMYK	0.06, 0.00, 0.04, 0.47
HSL	135°, 3%, 51%
HSV	135°, 6%, 53%
XYZ	21.0256, 23.0443, 23.7619
YIQ	130.9240, -2.8420, -3.5620

# Conversions

## Conversions Part 2

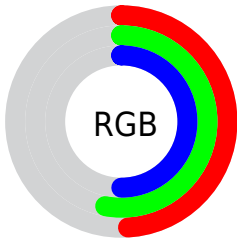
<b>Format</b>	<b>Color</b>
<b>RYB</b>	126, 132, 134
Decimal	8291968
CIELab	55.12, -4.15, 2.21
CIElCh	55, 4.699, 152.011
Yxy	23.0443, 0.3100, 0.3397
Android (android.graphics.Color)	4286482048 (0xFF7E8680)
YUV	130.9240, -1.4415, -4.3183
Hunter-Lab	48.0045, -5.8264, 4.2550

# Details

The Hex color **7E8680** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **867E84**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **B3BBB5**, and **4D544F** is the 20% darker color. If you saturate the color by 10%, you get **718676**, and if you desaturate by 10%, it is **8B868A**.

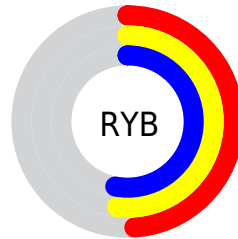
# Distribution



Red (49%)

Green (53%)

Blue (50%)



Red (49%)

Yellow (52%)

Blue (53%)

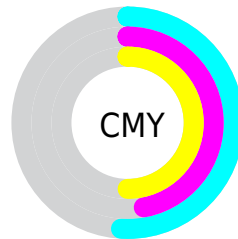


Cyan (6%)

Magenta (0%)

Yellow (4%)

Black (47%)



Cyan (51%)

Magenta (47%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E8680 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 7E8680 by changing the saturation by 10% instead.



 7E8680

 7E8680

FFFFFF

 656D67

 B3BBB5

 4D544F

 CED7D0

 363D38

 EAF3ED

 212823

 0A130D

 000000

 7E8680

 7E8680

 718676

 8B868A

 63866C

 998694

■ 568662

■ A6869E

■ 488658

■ B486A8

■ 3B864E

■ C186B2

■ 2E8644

■ CE86BC

■ 20863A

■ DC86C6

■ 138630

■ E986D0

■ 058626

■ F786DA

# Harmonies

## Analogous

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



82857D



7E8680



7B8684

# Triad

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



7E8680



80848C



8D8280

# Complementary

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



7E8680



867E84

# 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.



8C8184



7E8680



85838B

# Square

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



7E8680



7C858B



8A8288



8B827D

# Rectangle

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



7E8680



7A8687



8A8288



8D8181



# Sweetspot

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



7E8680



AAADAB



84867E



555755



D6D6D6



575757



# Same Dimension

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



7E8680



A1ADA4



7E8684



3D423E



008221



000301



# Inverse Universe

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



867E84



ADA1AA



867E80



423D41



820062



030002



# Previews

## White Background



This preview shows how the Hex color 7E8680 looks on a white background.

## Color Contrast Check

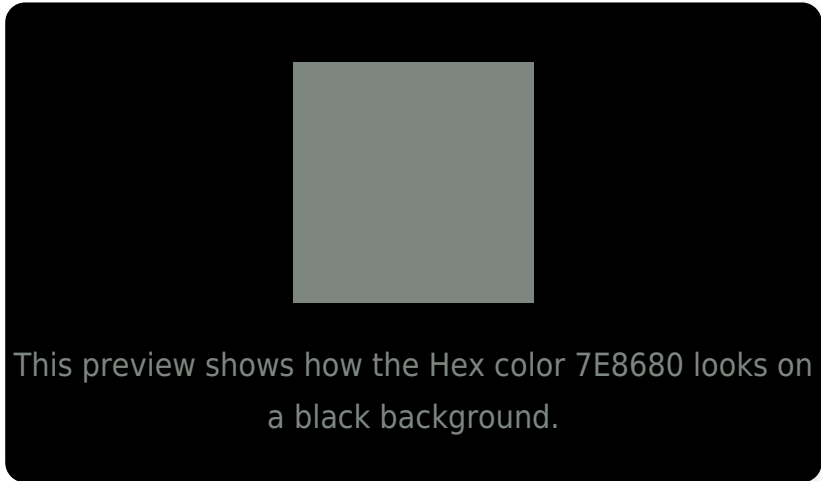
Large Text (above 18pt) WCAG AA ✓ Pass

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

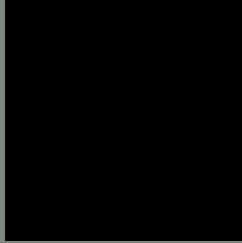
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

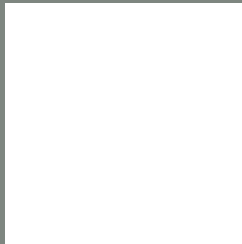
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7E8680 Background



This preview shows how black text looks on a background with the Hex color 7E8680.



This preview shows how white text looks on a background with the Hex color 7E8680.

# 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**  
7E8680

**Protanopia**  
87837E

**Deuteranopia**  
917F81



**Tritanopia**  
80848E

# Trichromacy



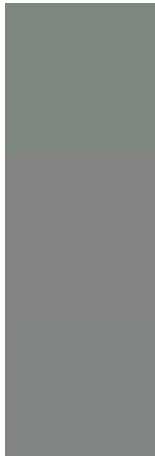
**Original Color**  
7E8680

**Protanomaly**  
84847F

**Deuteranomaly**  
8A8281

**Tritanomaly**  
7F8589

# Monochromacy



**Original Color**  
7E8680

**Achromatopsia**  
838383

**Achromatomaly**  
818482

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E8680 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 #7E8680 looks like.

```
.text, #text, p{  
    color:#7E8680  
}
```

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 #7E8680 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E8680
}
```

## Border

The CSS property to change the border of an element to Hex 7E8680 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
#7E8680 }
```

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

```
.border{ border-color:#7E8680 }
```

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

Here you see how a box with a 4 pixel #7E8680 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E8680; -webkit-box-shadow:4px 4px  
4px 4px #7E8680; box-shadow:4px 4px 4px  
4px #7E8680 }
```

# Background

The CSS property to change the background color of an element to Hex 7E8680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E8680 }
```

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

```
.background{ background-color:#7E8680 }
```

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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