

# Converting Colors

Hex(7F8078)

Have a look what the booklet for  
Hex(7F8078) contains.

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# Color

**Hex(7F8078)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F8078
RGB	127, 128, 120
RGB Percent	50%, 50%, 47%
CMY	0.5020, 0.4980, 0.5294
CMYK	0.01, 0.00, 0.06, 0.50
HSL	67°, 3%, 49%
HSV	67°, 6%, 50%
XYZ	19.8617, 21.3064, 20.8350
YIQ	126.7890, 1.9720, -2.7000

# Conversions

## Conversions Part 2

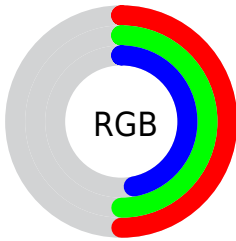
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 128, 121
Decimal	8355960
CIE Lab	53.28, -1.93, 4.20
CIE LCh	53, 4.624, 114.621
Yxy	21.3064, 0.3203, 0.3436
Android (android.graphics.Color)	4286546040 (0xFF7F8078)
YUV	126.7890, -3.3470, 0.1850
Hunter-Lab	46.1589, -3.9712, 5.5491

# Details

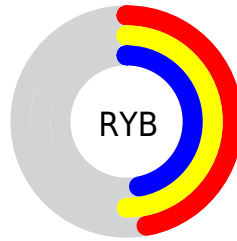
The Hex color **7F8078** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **797880**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **B4B5AC**, and **4E4F48** is the 20% darker color. If you saturate the color by 10%, you get **7D806B**, and if you desaturate by 10%, it is **818085**.

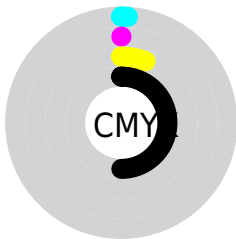
# Distribution



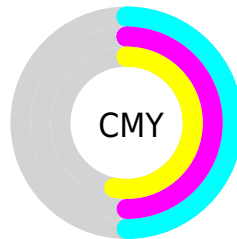
- Red (50%)
- Green (50%)
- Blue (47%)



- Red (47%)
- Yellow (50%)
- Blue (47%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (50%)



- Cyan (50%)
- Magenta (50%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F8078 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 7F8078 by changing the saturation by 10% instead.





7F8078



7F8078

FFFFFF



66675F



B4B5AC



4E4F48



CFD0C8



373831



EBEDE4



22231C



0C0D02



000000



7F8078



7F8078



7D806B



818085



7C805E



828092

 7A8052

 84809E

 798045

 8580AB

 778038

 8780B8

 75802B

 8980C5

 74801E

 8A80D2

 728012

 8C80DE

 718005

 8D80EB

# Harmonies

## Analogous

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



837F77



7F8078



7A817B

# Triad

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



7F8078



778186



877D80

# Complementary

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



7F8078



797880

# 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.



847D84



7F8078



7A8087

# Square

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



7F8078



768282



7F7E86



887D7C

# Rectangle

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



7F8078



78827D



7F7E86



867D81



# Sweetspot

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



7F8078



A5A6A2



807978



545452



D4D4D4



545454



# Same Dimension

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



7F8078



A4A698



7B8078



3F4039



708000



000000



# Inverse Universe

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



797880



9A98A6



7D7880



3A3940



100080

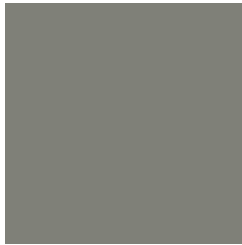


000000



# Previews

## White Background



This preview shows how the Hex color 7F8078 looks on a white background.

## Color Contrast Check

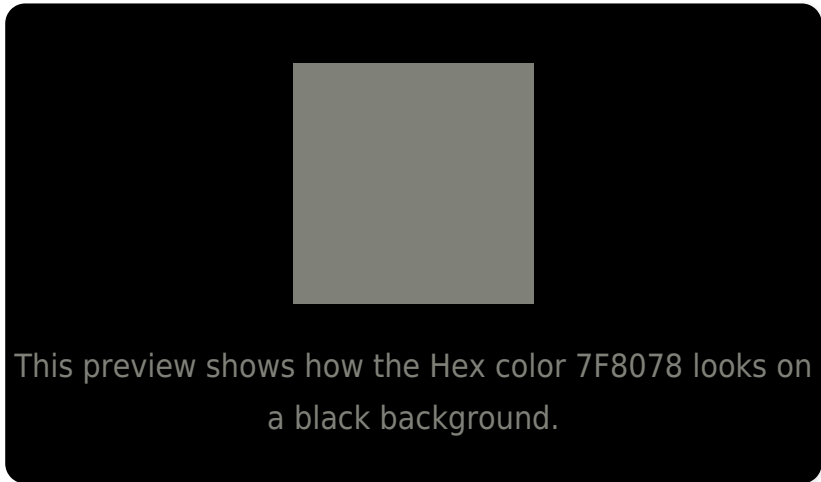
Large Text (above 18pt) WCAG AA ✓ Pass

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

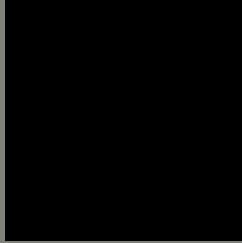
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

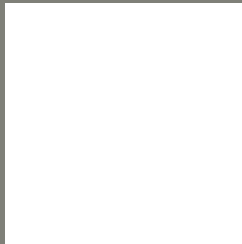
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7F8078 Background



This preview shows how black text looks on a background with the Hex color 7F8078.



This preview shows how white text looks on a background with the Hex color 7F8078.

# 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**

7F8078

**Protanopia**

837F77

**Deuteranopia**

8E7B79



**Tritanopia**  
817E88

# Trichromacy



**Original Color**  
7F8078

**Protanomaly**  
827F77

**Deuteranomaly**  
897D79

**Tritanomaly**  
807F82

# Monochromacy



**Original Color**  
7F8078

**Achromatopsia**  
7F7F7F

**Achromatomaly**  
7F7F7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F8078 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 #7F8078 looks like.

```
.text, #text, p{  
    color:#7F8078  
}
```

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 #7F8078 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F8078
}
```

## Border

The CSS property to change the border of an element to Hex 7F8078 is called "border". The border property can be set on classes, ids or directly on the HTML element.

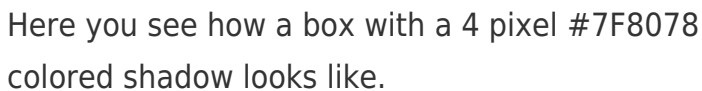
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F8078 }
```

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

```
.border{ border-color:#7F8078 }
```

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



Here you see how a box with a 4 pixel #7F8078 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F8078; -webkit-box-shadow:4px 4px  
4px 4px #7F8078; box-shadow:4px 4px 4px  
4px #7F8078 }
```

# Background

The CSS property to change the background color of an element to Hex 7F8078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F8078 }
```

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

```
.background{ background-color:#7F8078 }
```

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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