

# Converting Colors

Hex(7F856E)

Have a look what the booklet for  
Hex(7F856E) contains.

<b>Hex(7F856E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(7F856E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F856E
RGB	127, 133, 110
RGB Percent	50%, 52%, 43%
CMY	0.5020, 0.4784, 0.5686
CMYK	0.05, 0.00, 0.17, 0.48
HSL	76°, 9%, 48%
HSV	76°, 17%, 52%
XYZ	19.9544, 22.4129, 18.0263
YIQ	128.5840, 3.8070, -8.4250

# Conversions

## Conversions Part 2

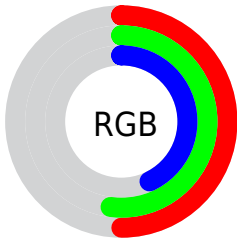
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 133, 116
Decimal	8357230
CIE <sub>Lab</sub>	54.46, -6.55, 11.67
CIE <sub>LCh</sub>	54, 13.379, 119.302
Yxy	22.4129, 0.3304, 0.3711
Android (android.graphics.Color)	4286547310 (0xFF7F856E)
YUV	128.5840, -9.1619, -1.3892
Hunter-Lab	47.3422, -7.6125, 10.5640

# Details

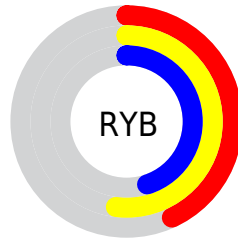
The Hex color **7F856E** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **746E85**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **B4BAA2**, and **4E543E** is the 20% darker color. If you saturate the color by 10%, you get **7C8561**, and if you desaturate by 10%, it is **82857B**.

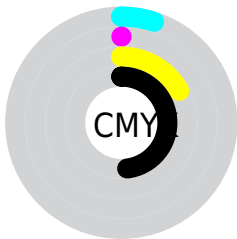
# Distribution



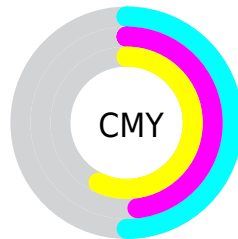
- Red (50%)
- Green (52%)
- Blue (43%)



- Red (43%)
- Yellow (52%)
- Blue (45%)



- Cyan (5%)
- Magenta (0%)
- Yellow (17%)
- Black (48%)



- Cyan (50%)
- Magenta (48%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F856E 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 7F856E by changing the saturation by 10% instead.





7F856E



7F856E

FFFFFF



666C56



B4BAA2



4E543E



CFD6BD



373C28



ECF2D8



212714



FFFFF5



081200



000000



7F856E



7F856E



7C8561



82857B



788553



868589

 758546

 898596

 718539

 8D85A3

 6E852C

 9085B1

 6A851E

 9485BE

 678511

 9785CB

 638504

 9B85D8

 628500

 9E85E6

# Harmonies

## Analogous

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



8C816B



7F856E



728876

# Triad

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



7F856E



698796



997A83

# Complementary

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



7F856E



746E85

# 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.



917C8E



7F856E



758399

# Square

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



7F856E



64898D



847F96



9A7B77

# Rectangle

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



7F856E



6B897E



847F96



977B87



# Sweetspot

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



7F856E



ABADA5



85746E



555751



D6D6D6



575757



# Same Dimension

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



7F856E



A4AD89



74856E



41423C



608200



020300



# Inverse Universe

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



746E85



9289AD



7F6E85



3D3C42



220082



010003



# Previews

## White Background



This preview shows how the Hex color 7F856E looks on a white background.

## Color Contrast Check

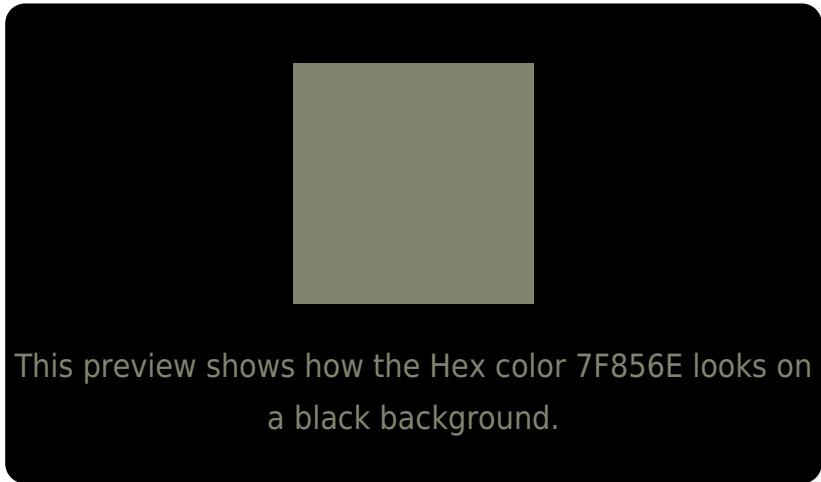
Large Text (above 18pt) WCAG AA ✓ Pass

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

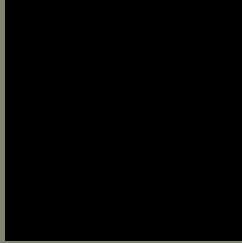
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

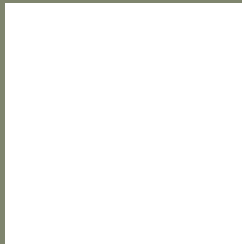
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7F856E Background



This preview shows how black text looks on a background with the Hex color 7F856E.



This preview shows how white text looks on a background with the Hex color 7F856E.

# 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**  
7F856E

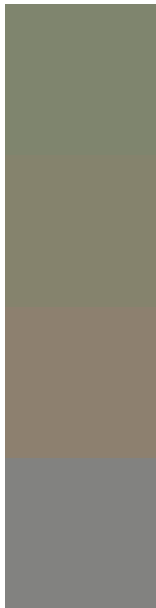
**Protanopia**  
89826C

**Deuteranopia**  
957D70



**Tritanopia**  
83818B

# Trichromacy



**Original Color**  
7F856E

**Protanomaly**  
85836D

**Deuteranomaly**  
8D806F

**Tritanomaly**  
828280

# Monochromacy



**Original Color**  
7F856E

**Achromatopsia**  
818181

**Achromatomaly**  
80827A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F856E 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 #7F856E looks like.

```
.text, #text, p{  
    color:#7F856E  
}
```

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 #7F856E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F856E
}
```

## Border

The CSS property to change the border of an element to Hex 7F856E is called "border". The border property can be set on classes, ids or directly on the HTML element.

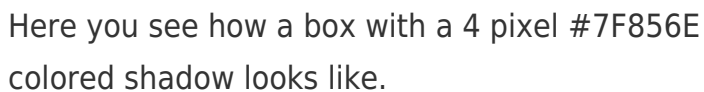
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F856E }
```

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

```
.border{ border-color:#7F856E }
```

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



Here you see how a box with a 4 pixel #7F856E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F856E; -webkit-box-shadow:4px 4px  
4px 4px #7F856E; box-shadow:4px 4px 4px  
4px #7F856E }
```

# Background

The CSS property to change the background color of an element to Hex 7F856E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F856E }
```

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

```
.background{ background-color:#7F856E }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor