

# Converting Colors

Hex(7C857A)

Have a look what the booklet for  
Hex(7C857A) contains.

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# Color

Hex(7C857A)

# Conversions

## Conversions Part 1

Format	Color
Hex	7C857A
RGB	124, 133, 122
RGB Percent	49%, 52%, 48%
CMY	0.5137, 0.4784, 0.5216
CMYK	0.07, 0.00, 0.08, 0.48
HSL	109°, 4%, 50%
HSV	109°, 8%, 52%
XYZ	20.2126, 22.4653, 21.6833
YIQ	129.0550, -1.8330, -5.3290

# Conversions

## Conversions Part 2

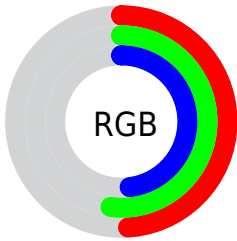
<b>Format</b>	<b>Color</b>
<b>RYB</b>	122, 133, 131
Decimal	8160634
CIELab	54.52, -5.51, 4.79
CIElCh	55, 7.299, 139.003
Yxy	22.4653, 0.3140, 0.3491
Android (android.graphics.Color)	4286350714 (0xFF7C857A)
YUV	129.0550, -3.4781, -4.4332
Hunter-Lab	47.3976, -6.8249, 6.0545

# Details

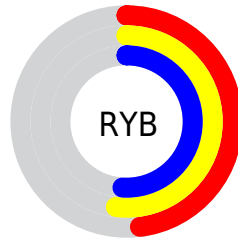
The Hex color **7C857A** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **837A85**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **B1BAAE**, and **4B5449** is the 20% darker color. If you saturate the color by 10%, you get **71856D**, and if you desaturate by 10%, it is **878587**.

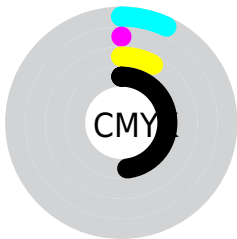
# Distribution



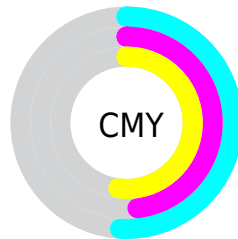
- Red (49%)
- Green (52%)
- Blue (48%)



- Red (48%)
- Yellow (52%)
- Blue (51%)



- Cyan (7%)
- Magenta (0%)
- Yellow (8%)
- Black (48%)



- Cyan (51%)
- Magenta (48%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C857A 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 7C857A by changing the saturation by 10% instead.



■ 7C857A

■ 7C857A

FFFFFF

■ 636C61

■ B1BAAE

■ 4B5449

■ CCD6CA

■ 353C33

■ E8F2E6

■ 1F271E

■ 081205

■ 000000

■ 7C857A

■ 7C857A

■ 71856D

■ 878587

■ 66855F

■ 928595

 5B8552

 9D85A2

 508545

 A885AF

 468537

 B285BD

 3B852A

 BD85CA

 30851D

 C885D7

 258510

 D385E4

 1A8502

 DE85F2

# Harmonies

## Analogous

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



838376



7C857A



768680

# Triad

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



7C857A



79848F



907E7F

# Complementary

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



7C857A



837A85

# 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.



8E7E85



7C857A



81828E

# Square

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



7C857A



74858C



88808B



8F7F79

# Rectangle

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



7C857A



748684



88808B



907E81



# Sweetspot

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



7C857A



ABADAA



85837A



555755



D6D6D6



575757



# Same Dimension

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



7C857A



9FAD9C



7A857D



3D423C



188200



000300



# Inverse Universe

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



837A85



AA9CAD



857A82



413C42



6A0082

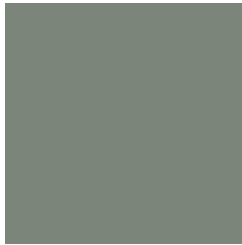


020003



# Previews

## White Background



This preview shows how the Hex color 7C857A looks on a white background.

## Color Contrast Check

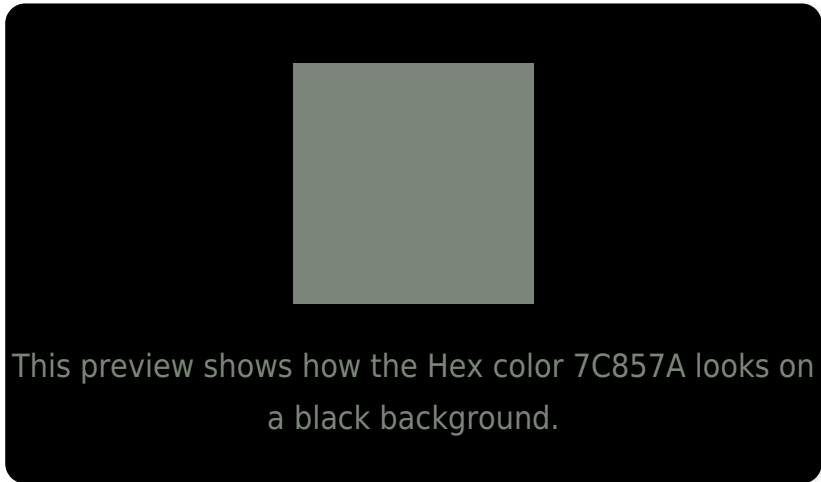
Large Text (above 18pt) WCAG AA ✓ Pass

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

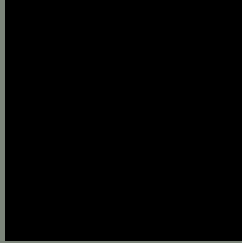
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

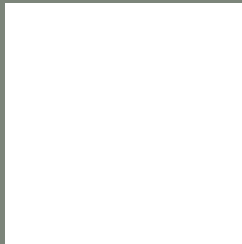
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7C857A Background



This preview shows how black text looks on a background with the Hex color 7C857A.



This preview shows how white text looks on a background with the Hex color 7C857A.

# 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**  
7C857A

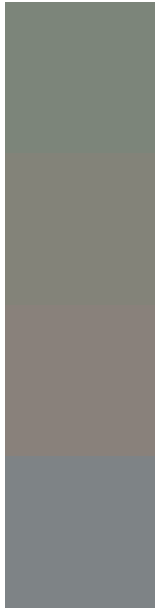
**Protanopia**  
878278

**Deuteranopia**  
917E7B



**Tritanopia**  
7F828D

# Trichromacy



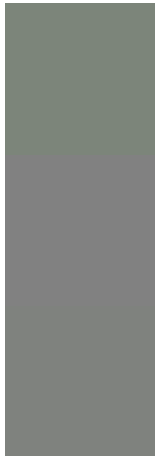
**Original Color**  
7C857A

**Protanomaly**  
838379

**Deuteranomaly**  
89817B

**Tritanomaly**  
7E8386

# Monochromacy



**Original Color**  
7C857A

**Achromatopsia**  
818181

**Achromatomaly**  
7F827E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C857A 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 #7C857A looks like.

```
.text, #text, p{  
    color:#7C857A  
}
```

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 #7C857A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C857A
}
```

## Border

The CSS property to change the border of an element to Hex 7C857A 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
#7C857A }
```

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

```
.border{ border-color:#7C857A }
```

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

Here you see how a box with a 4 pixel #7C857A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C857A; -webkit-box-shadow:4px 4px  
4px 4px #7C857A; box-shadow:4px 4px 4px  
4px #7C857A }
```

# Background

The CSS property to change the background color of an element to Hex 7C857A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C857A }
```

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

```
.background{ background-color:#7C857A }
```

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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