

# Converting Colors

Hex(857780)

Have a look what the booklet for  
Hex(857780) contains.

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# Color

**Hex(857780)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	857780
RGB	133, 119, 128
RGB Percent	52%, 47%, 50%
CMY	0.4784, 0.5333, 0.4980
CMYK	0.00, 0.11, 0.04, 0.48
HSL	321°, 6%, 49%
HSV	321°, 11%, 52%
XYZ	20.1660, 19.7387, 23.1692
YIQ	124.2120, 5.4550, 5.7670

# Conversions

## Conversions Part 2

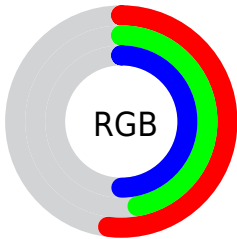
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 119, 128
Decimal	8746880
CIE Lab	51.54, 7.09, -2.95
CIE LCh	52, 7.683, 337.393
Yxy	19.7387, 0.3197, 0.3129
Android (android.graphics.Color)	4286936960 (0xFF857780)
YUV	124.2120, 1.8675, 7.7071
Hunter-Lab	44.4283, 3.2716, 0.1803

# Details

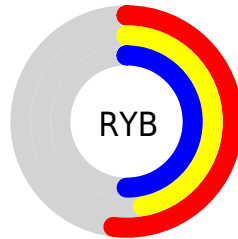
The Hex color **857780** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **77857C**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **BAABB5**, and **53474F** is the 20% darker color. If you saturate the color by 10%, you get **856A7B**, and if you desaturate by 10%, it is **858485**.

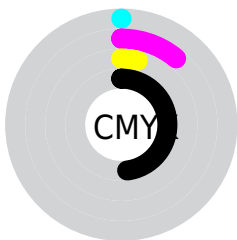
# Distribution



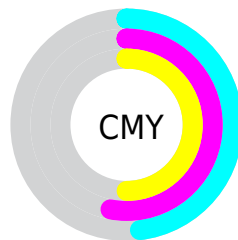
- Red (52%)
- Green (47%)
- Blue (50%)



- Red (52%)
- Yellow (47%)
- Blue (50%)



- Cyan (0%)
- Magenta (11%)
- Yellow (4%)
- Black (48%)



- Cyan (48%)
- Magenta (53%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 857780 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 857780 by changing the saturation by 10% instead.





857780



857780

FFFFFF



6C5E67



BAABB5



53474F



D6C6D0



3C3038



F2E3ED



261B23



13000D



000000



857780



857780



856A7B



858485



855C76



85928A

854F72

859F8E

85426D

85AC93

853568

85BA98

852763

85C79D

851A5F

85D4A1

850D5A

85E1A6

850055

85EFAB

# Harmonies

## Analogous

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



7E7985



857780



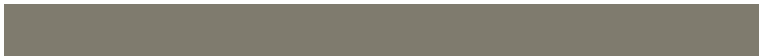
897679

# Triad

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



857780



7F7B6E



6B7E83

# Complementary

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



857780



77857C

# 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.



6B7F7C



857780



777D70

# Square

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



857780



85796F



707E76



6F7D87

# Rectangle

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



857780



897775



707E76



6B7F81



# Sweetspot

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



857780



ADA8AC



7C7785



575355



D6D6D6



575757



# Same Dimension

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



857780



AD97A5



857779



423C40



820054



030002



# Inverse Universe

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



857780



AD97A5



778583



423C40



820054



030002



# Previews

## White Background



This preview shows how the Hex color 857780 looks on a white background.

## Color Contrast Check

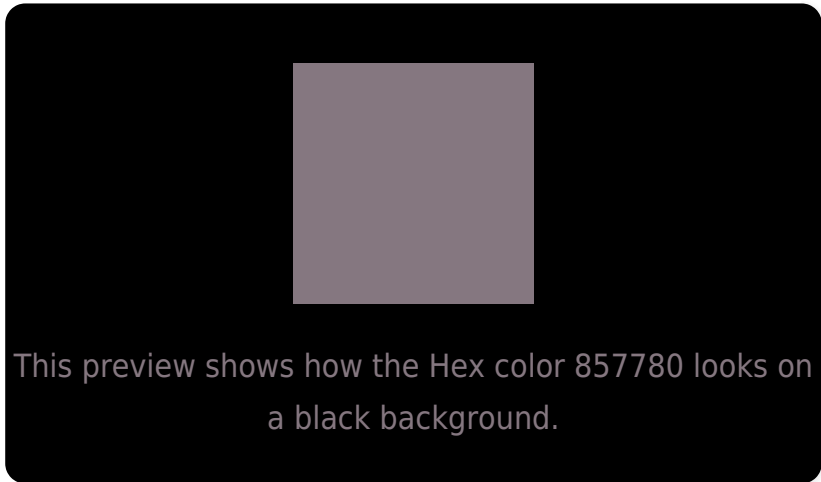
Large Text (above 18pt) WCAG AA ✓ Pass

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

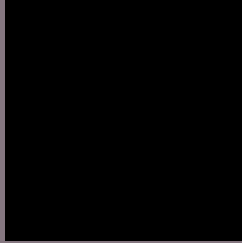
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 857780 Background



This preview shows how black text looks on a background with the Hex color 857780.



This preview shows how white text looks on a background with the Hex color 857780.

# 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**  
857780

**Protanopia**  
7B7A82

**Deuteranopia**  
847780



**Tritanopia**  
857780

# Trichromacy



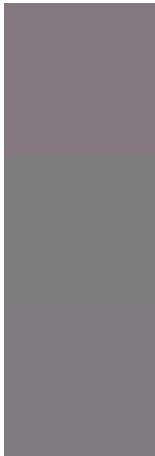
**Original Color**  
857780

**Protanomaly**  
7F7981

**Deuteranomaly**  
847780

**Tritanomaly**  
857780

# Monochromacy



**Original Color**  
857780

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
7F7A7D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 857780 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 #857780 looks like.

```
.text, #text, p{  
    color:#857780  
}
```

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 #857780 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #857780
}
```

## Border

The CSS property to change the border of an element to Hex 857780 is called "border". The border property can be set on classes, ids or directly on the HTML element.

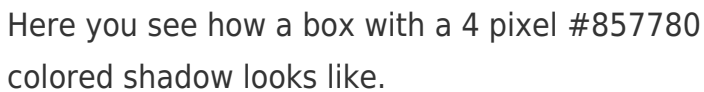
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#857780 }
```

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

```
.border{ border-color:#857780 }
```

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



Here you see how a box with a 4 pixel #857780 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #857780; -webkit-box-shadow:4px 4px  
4px 4px #857780; box-shadow:4px 4px 4px  
4px #857780 }
```

# Background

The CSS property to change the background color of an element to Hex 857780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#857780 }
```

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

```
.background{ background-color:#857780 }
```

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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