

# Converting Colors

Hex(86887E)

Have a look what the booklet for  
Hex(86887E) contains.

<b>Hex(86887E)</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(86887E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86887E
RGB	134, 136, 126
RGB Percent	53%, 53%, 49%
CMY	0.4745, 0.4667, 0.5059
CMYK	0.01, 0.00, 0.07, 0.47
HSL	72°, 4%, 51%
HSV	72°, 7%, 53%
XYZ	22.4016, 24.1830, 23.2258
YIQ	134.2620, 2.0180, -3.5340

# Conversions

## Conversions Part 2

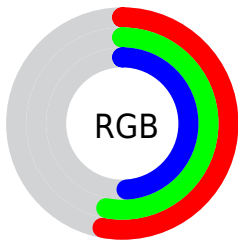
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 136, 128
Decimal	8816766
CIE Lab	56.27, -2.66, 5.10
CIE LCh	56, 5.756, 117.517
Yxy	24.1830, 0.3209, 0.3464
Android (android.graphics.Color)	4287006846 (0xFF86887E)
YUV	134.2620, -4.0732, -0.2298
Hunter-Lab	49.1762, -4.7451, 6.4209

# Details

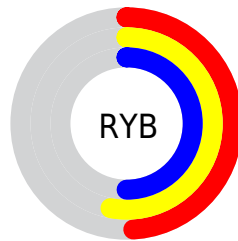
The Hex color **86887E** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **807E88**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **BBDBB3**, and **54564D** is the 20% darker color. If you saturate the color by 10%, you get **838870**, and if you desaturate by 10%, it is **89888C**.

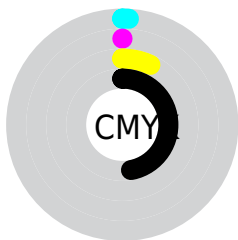
# Distribution



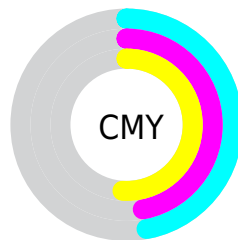
- Red (53%)
- Green (53%)
- Blue (49%)



- Red (49%)
- Yellow (53%)
- Blue (50%)



- Cyan (1%)
- Magenta (0%)
- Yellow (7%)
- Black (47%)



- Cyan (47%)
- Magenta (47%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86887E 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 86887E by changing the saturation by 10% instead.





86887E



86887E

FFFFFF



6D6F65



BBBDB3



54564D



D7D9CE



3D3F36



F3F5EA



272921



13150A



000000



86887E



86887E



838870



89888C



818863



8B8899

 7E8855

 8E88A7

 7B8848

 9188B4

 78883A

 9488C2

 76882C

 9688D0

 73881F

 9988DD

 708811

 9C88EB

 6E8804

 9E88F8

# Harmonies

## Analogous

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



8C867D



86887E



808981

# Triad

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



86887E



7D898F



918487

# Complementary

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



86887E



807E88

# 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.



8D848C



86887E



818791

# Square

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



86887E



7B8A8B



888690



928482

# Rectangle

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



86887E



7D8A85



888690



908489



# Sweetspot

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



86887E



AFB0AC



88807E



595957



D9D9D9



595959



# Same Dimension

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



86887E



ADB0A0



81887E



43453E



6A8500



040500



# Inverse Universe

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



807E88



A3A0B0



857E88



3F3E45



1B0085

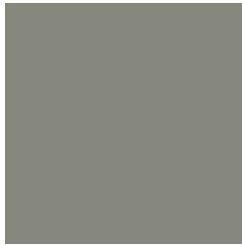


010005



# Previews

## White Background



This preview shows how the Hex color 86887E looks on a white background.

## Color Contrast Check

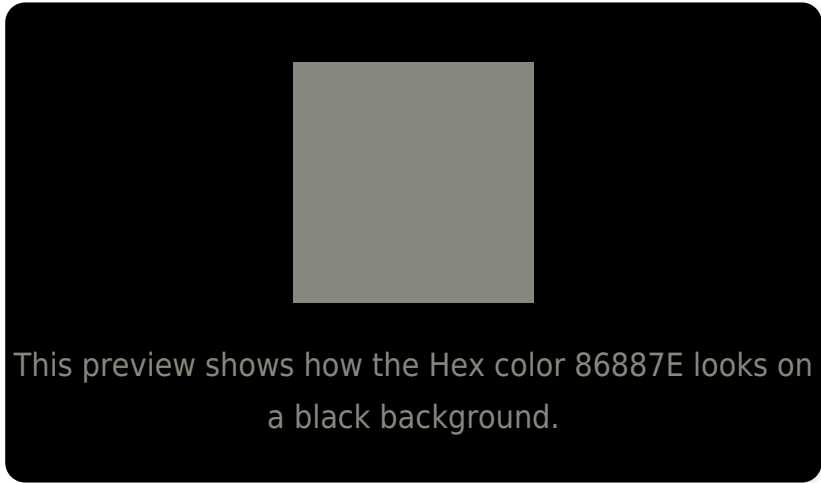
Large Text (above 18pt) WCAG AA ✓ Pass

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

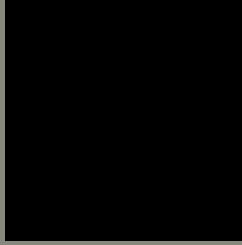
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

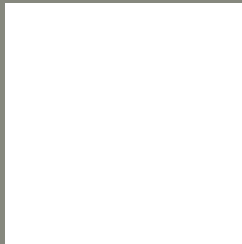
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 86887E Background



This preview shows how black text looks on a background with the Hex color 86887E.



This preview shows how white text looks on a background with the Hex color 86887E.

# 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**  
86887E

**Protanopia**  
8C867D

**Deuteranopia**  
97827F



**Tritanopia**  
898590

# Trichromacy



**Original Color**  
86887E

**Protanomaly**  
8A877D

**Deuteranomaly**  
91847F

**Tritanomaly**  
888689

# Monochromacy



**Original Color**  
86887E

**Achromatopsia**  
868686

**Achromatomaly**  
868783

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86887E 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 #86887E looks like.

```
.text, #text, p{  
    color:#86887E  
}
```

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 #86887E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86887E
}
```

## Border

The CSS property to change the border of an element to Hex 86887E is called "border". The border property can be set on classes, ids or directly on the HTML element.

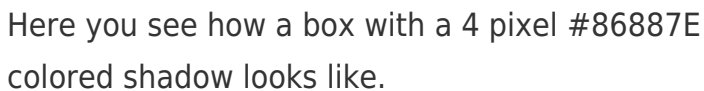
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#86887E }
```

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

```
.border{ border-color:#86887E }
```

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



Here you see how a box with a 4 pixel #86887E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86887E; -webkit-box-shadow:4px 4px  
4px 4px #86887E; box-shadow:4px 4px 4px  
4px #86887E }
```

# Background

The CSS property to change the background color of an element to Hex 86887E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86887E }
```

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

```
.background{ background-color:#86887E }
```

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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