

# Converting Colors

Hex(86687C)

Have a look what the booklet for  
Hex(86687C) contains.

<b>Hex(86687C)</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(86687C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	86687C
RGB	134, 104, 124
RGB Percent	53%, 41%, 49%
CMY	0.4745, 0.5922, 0.5137
CMYK	0.00, 0.22, 0.07, 0.47
HSL	320°, 13%, 47%
HSV	320°, 22%, 53%
XYZ	18.4199, 16.4242, 21.2681
YIQ	115.2500, 11.4600, 12.5800

# Conversions

## Conversions Part 2

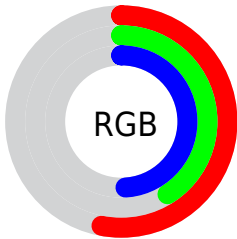
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 104, 124
Decimal	8808572
CIELab	47.53, 15.53, -6.52
CIELCh	48, 16.839, 337.238
Yxy	16.4242, 0.3283, 0.2927
Android (android.graphics.Color)	4286998652 (0xFF86687C)
YUV	115.2500, 4.3138, 16.4438
Hunter-Lab	40.5268, 10.2086, -2.7462

# Details

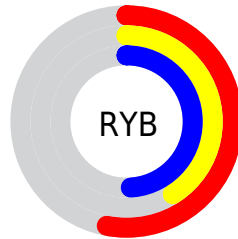
The Hex color **86687C** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **688672**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **BB9BB1**, and **54394B** is the 20% darker color. If you saturate the color by 10%, you get **865B78**, and if you desaturate by 10%, it is **867580**.

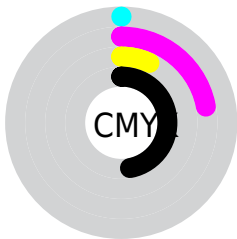
# Distribution



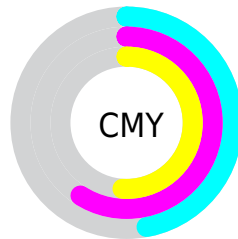
- Red (53%)
- Green (41%)
- Blue (49%)



- Red (53%)
- Yellow (41%)
- Blue (49%)



- Cyan (0%)
- Magenta (22%)
- Yellow (7%)
- Black (47%)



- Cyan (47%)
- Magenta (59%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86687C 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 86687C by changing the saturation by 10% instead.





86687C



86687C

FFFFFF



6D5063



BB9BB1



54394B



D7B6CC



3C2335



F4D2E8



260E1F



FFEEFF



0A0006



000000



86687C



86687C



865B78



867580



864D73



868385

86406F

869089

86326A

869E8E

862566

86AB92

861861

86B897

860A5D

86C69B

860059

86D3A0

86E1A4

# Harmonies

## Analogous

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



776C87



86687C



8D676E

# Triad

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



86687C



787155



497881

# Complementary

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



86687C



688672

# 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.



4C7974



86687C



68755A

# Square

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



86687C



856C57



587865



52758A

# Rectangle

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



86687C



8E6764



587865



48787D



# Sweetspot

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



86687C



ADA1A9



726886



575054



D6D6D6



575757



# Same Dimension

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



86687C



AD7F9E



86686D



423C40



820057



030002



# Inverse Universe

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



86687C



AD7F9E



688681



423C40



820057

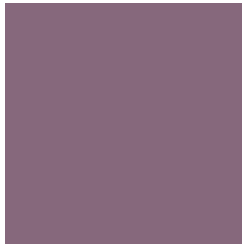


030002



# Previews

## White Background



This preview shows how the Hex color 86687C looks on a white background.

## Color Contrast Check

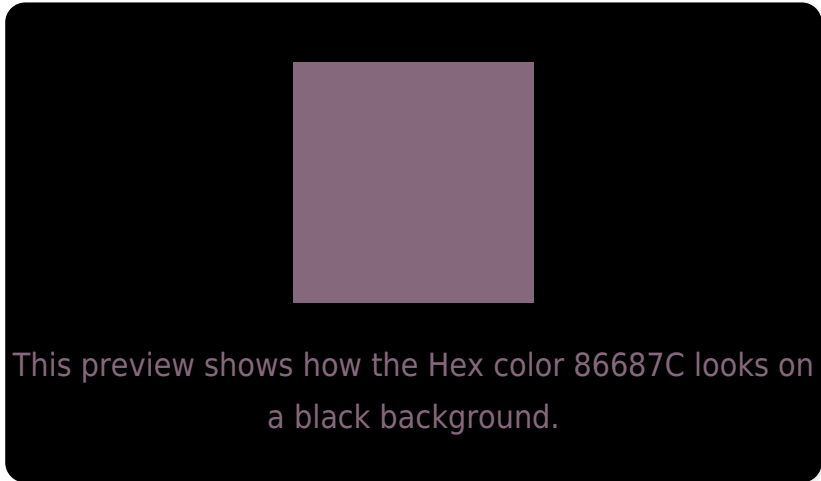
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

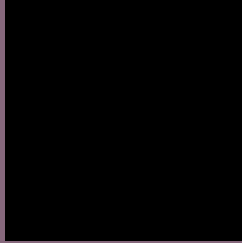
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 86687C Background



This preview shows how black text looks on a background with the Hex color 86687C.



This preview shows how white text looks on a background with the Hex color 86687C.

# 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**  
86687C

**Protanopia**  
6E7081

**Deuteranopia**  
776E7B



**Tritanopia**  
856A72

# Trichromacy



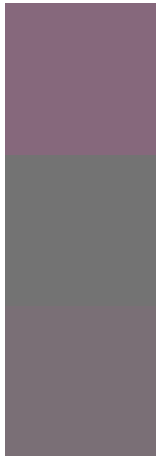
**Original Color**  
86687C

**Protanomaly**  
776D7F

**Deuteranomaly**  
7C6C7B

**Tritanomaly**  
856976

# Monochromacy



**Original Color**  
86687C

**Achromatopsia**  
737373

**Achromatomaly**  
7A6F76

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86687C 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 #86687C looks like.

```
.text, #text, p{  
    color:#86687C  
}
```

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 #86687C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86687C  
}
```

## Border

The CSS property to change the border of an element to Hex 86687C is called "border". The border property can be set on classes, ids or directly on the HTML element.

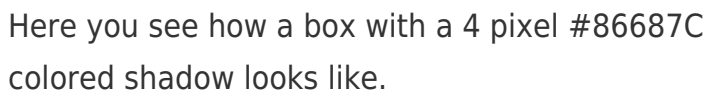
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#86687C }
```

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

```
.border{ border-color:#86687C }
```

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



Here you see how a box with a 4 pixel #86687C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86687C; -webkit-box-shadow:4px 4px  
4px 4px #86687C; box-shadow:4px 4px 4px  
4px #86687C }
```

# Background

The CSS property to change the background color of an element to Hex 86687C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86687C }
```

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

```
.background{ background-color:#86687C }
```

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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