

Converting Colors

Hex(85747E)

Have a look what the booklet for
Hex(85747E) contains.

Hex(85747E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(85747E)

Conversions

Conversions Part 1

Format	Color
Hex	85747E
RGB	133, 116, 126
RGB Percent	52%, 45%, 49%
CMY	0.4784, 0.5451, 0.5059
CMYK	0.00, 0.13, 0.05, 0.48
HSL	325°, 7%, 49%
HSV	325°, 13%, 52%
XYZ	19.6842, 18.9837, 22.3654
YIQ	122.2230, 6.9220, 6.7140

Conversions

Conversions Part 2

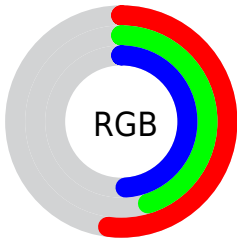
Format	Color
R_{YB}	133, 116, 126
Decimal	8746110
CIE Lab	50.67, 8.46, -3.06
CIE LCh	51, 8.995, 340.109
Yxy	18.9837, 0.3225, 0.3110
Android (android.graphics.Color)	4286936190 (0xFF85747E)
YUV	122.2230, 1.8621, 9.4514
Hunter-Lab	43.5703, 4.3947, 0.0646

Details

The Hex color **85747E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **74857B**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **BAA8B3**, and **53444D** is the 20% darker color. If you saturate the color by 10%, you get **856779**, and if you desaturate by 10%, it is **858183**.

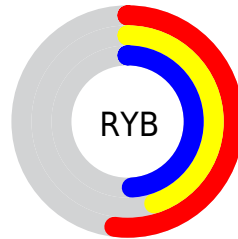
Distribution



Red (52%)

Green (45%)

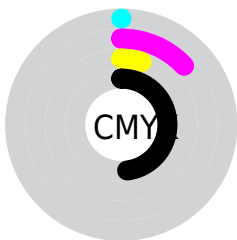
Blue (49%)



Red (52%)

Yellow (45%)

Blue (49%)

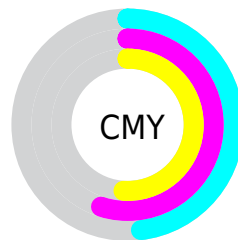


Cyan (0%)

Magenta (13%)

Yellow (5%)

Black (48%)



Cyan (48%)

Magenta (55%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85747E 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 85747E by changing the saturation by 10% instead.

85747E

85747E

FFFFFF

6C5B65

BAA8B3

53444D

D6C3CE

3C2E36

F2DFEA

261921

FFFCFF

13000A

000000

85747E

85747E

856779

858183

855973

858F89

854C6E

859C8E

853F68

85A994

853163

85B799

85245D

85C49F

851758

85D1A4

850A52

85DEAA

85004E

85ECAE

Harmonies

Analogous

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



7D7684



85747E



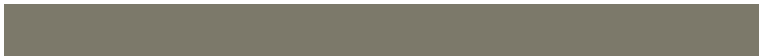
897376

Triad

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



85747E



7C796A



667D82

Complementary

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



85747E



74857B

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.



667D7B



85747E



737B6D

Square

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



85747E



84766A



6B7D73



6B7B87

Rectangle

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



85747E



897471



6B7D73



657D80

Sweetspot

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



85747E



ADA6AB



7B7485



575255



D6D6D6



575757

Same Dimension

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



85747E



AD93A3



857476



423C40



82004D



030002

Inverse Universe

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



85747E



AD93A3



748583



423C40



82004D



030002

Previews

White Background



This preview shows how the Hex color 85747E looks on a white background.

Color Contrast Check

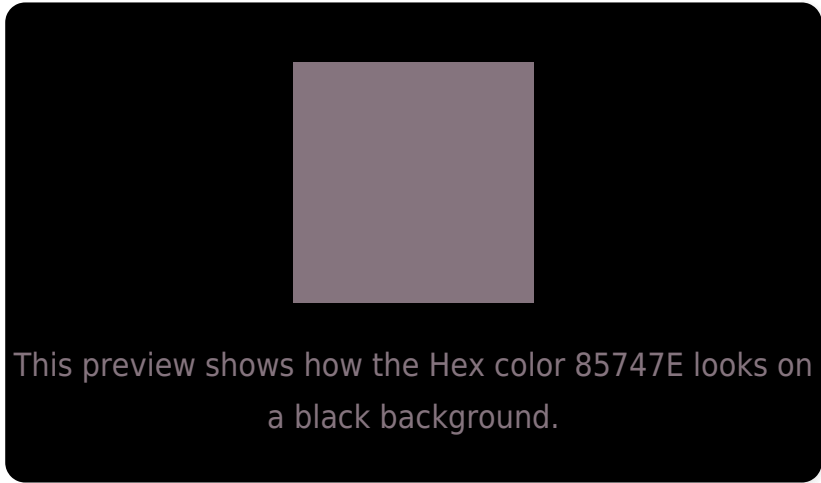
Large Text (above 18pt) WCAG AA ✓ Pass

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

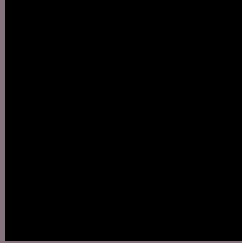
Any Text WCAG AA ✓ Pass

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 85747E Background



This preview shows how black text looks on a background with the Hex color 85747E.



This preview shows how white text looks on a background with the Hex color 85747E.

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
85747E

Protanopia
797880

Deuteranopia
82757E



Tritanopia
85747D

Trichromacy



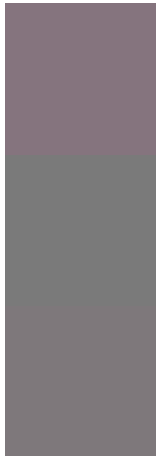
Original Color
85747E

Protanomaly
7D777F

Deuteranomaly
83757E

Tritanomaly
85747D

Monochromacy



Original Color
85747E

Achromatopsia
7A7A7A

Achromatomaly
7E787B

CSS Examples

Text

The CSS property to change the color of the text to Hex 85747E 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 #85747E looks like.

```
.text, #text, p{  
    color:#85747E  
}
```

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 #85747E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85747E
}
```

Border

The CSS property to change the border of an element to Hex 85747E is called "border". The border property can be set on classes, ids or directly on the HTML element.

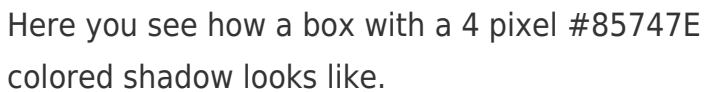
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#85747E }
```

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

```
.border{ border-color:#85747E }
```

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



Here you see how a box with a 4 pixel #85747E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85747E; -webkit-box-shadow:4px 4px  
4px 4px #85747E; box-shadow:4px 4px 4px  
4px #85747E }
```

Background

The CSS property to change the background color of an element to Hex 85747E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85747E }
```

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

```
.background{ background-color:#85747E }
```

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