

Converting Colors

Hex(85757F)

Have a look what the booklet for
Hex(85757F) contains.

Hex(85757F)	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(85757F)

Conversions

Conversions Part 1

Format	Color
Hex	85757F
RGB	133, 117, 127
RGB Percent	52%, 46%, 50%
CMY	0.4784, 0.5412, 0.5020
CMYK	0.00, 0.12, 0.05, 0.48
HSL	322°, 6%, 49%
HSV	322°, 12%, 52%
XYZ	19.8649, 19.2414, 22.7456
YIQ	122.9240, 6.3260, 6.5020

Conversions

Conversions Part 2

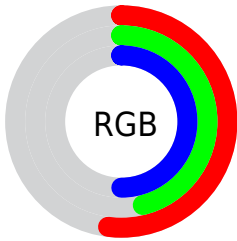
Format	Color
R_{YB}	133, 117, 127
Decimal	8746367
CIE Lab	50.97, 8.07, -3.21
CIE LCh	51, 8.681, 338.316
Yxy	19.2414, 0.3212, 0.3111
Android (android.graphics.Color)	4286936447 (0xFF85757F)
YUV	122.9240, 2.0095, 8.8367
Hunter-Lab	43.8651, 4.0724, -0.0385

Details

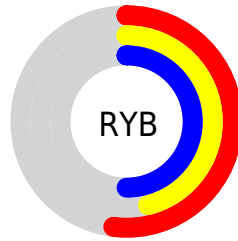
The Hex color **85757F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **75857B**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **BAA9B4**, and **53454E** is the 20% darker color. If you saturate the color by 10%, you get **85687A**, and if you desaturate by 10%, it is **858284**.

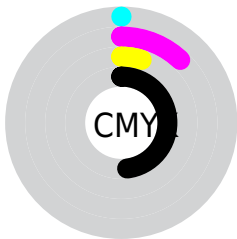
Distribution



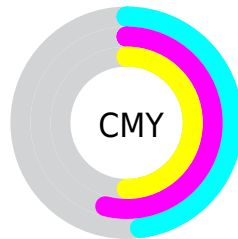
- Red (52%)
- Green (46%)
- Blue (50%)



- Red (52%)
- Yellow (46%)
- Blue (50%)



- Cyan (0%)
- Magenta (12%)
- Yellow (5%)
- Black (48%)



- Cyan (48%)
- Magenta (54%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85757F 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 85757F by changing the saturation by 10% instead.



85757F



85757F

FFFFFF



6C5C66



BAA9B4



53454E



D6C4CF



3C2E37



F2E0EB



261A22



FFFDFF



13000C



000000



85757F



85757F



85687A



858284



855A75



859089

854D70

859D8E

85406B

85AA93

853266

85B898

852561

85C59D

85185C

85D2A2

850B57

85DFA7

850053

85EDAC

Harmonies

Analogous

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



7D7785



85757F



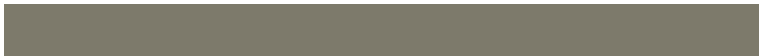
897478

Triad

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



85757F



7D7A6B



677D82

Complementary

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



85757F



75857B

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.



687E7B



85757F



757C6E

Square

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



85757F



85776C



6D7D74



6C7C87

Rectangle

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



85757F



897573



6D7D74



677E80

Sweetspot

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



85757F



ADA6AB



7B7585



575255



D6D6D6



575757

Same Dimension

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



85757F



AD95A4



857577



423C40



820051



030002

Inverse Universe

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



85757F



AD95A4



758583



423C40



820051



030002

Previews

White Background



This preview shows how the Hex color 85757F looks on a white background.

Color Contrast Check

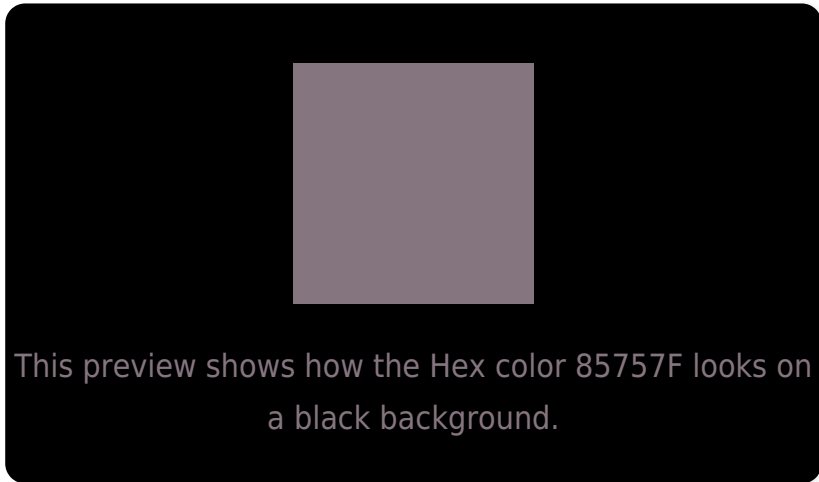
Large Text (above 18pt) WCAG AA ✓ Pass

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

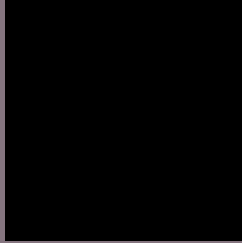
Any Text WCAG AA ✓ Pass

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 85757F Background



This preview shows how black text looks on a background with the Hex color 85757F.



This preview shows how white text looks on a background with the Hex color 85757F.

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
85757F

Protanopia
797981

Deuteranopia
83767F



Tritanopia
85757E

Trichromacy



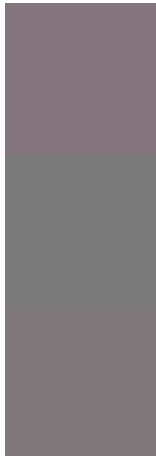
Original Color
85757F

Protanomaly
7D7880

Deuteranomaly
84767F

Tritanomaly
85757E

Monochromacy



Original Color
85757F

Achromatopsia
7B7B7B

Achromatomaly
7F797C

CSS Examples

Text

The CSS property to change the color of the text to Hex 85757F 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 #85757F looks like.

```
.text, #text, p{  
    color:#85757F  
}
```

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 #85757F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85757F
}
```

Border

The CSS property to change the border of an element to Hex 85757F is called "border". The border property can be set on classes, ids or directly on the HTML element.

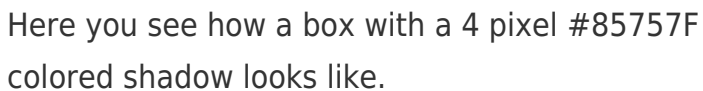
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#85757F }
```

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

```
.border{ border-color:#85757F }
```

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



Here you see how a box with a 4 pixel #85757F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85757F; -webkit-box-shadow:4px 4px  
4px 4px #85757F; box-shadow:4px 4px 4px  
4px #85757F }
```

Background

The CSS property to change the background color of an element to Hex 85757F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85757F }
```

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

```
.background{ background-color:#85757F }
```

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