

# Converting Colors

Hex(855F77)

Have a look what the booklet for  
Hex(855F77) contains.

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# Color

**Hex(855F77)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	855F77
RGB	133, 95, 119
RGB Percent	52%, 37%, 47%
CMY	0.4784, 0.6275, 0.5333
CMYK	0.00, 0.29, 0.11, 0.48
HSL	322°, 17%, 45%
HSV	322°, 29%, 52%
XYZ	17.0948, 14.5029, 19.3511
YIQ	109.0980, 14.9440, 15.5200

# Conversions

## Conversions Part 2

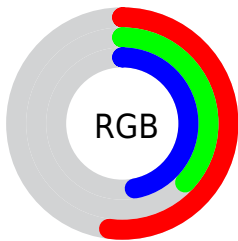
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 95, 119
Decimal	8740727
CIE <sub>Lab</sub>	44.95, 19.54, -7.37
CIE <sub>LCh</sub>	45, 20.882, 339.340
Yxy	14.5029, 0.3355, 0.2847
Android (android.graphics.Color)	4286930807 (0xFF855F77)
YUV	109.0980, 4.8817, 20.9621
Hunter-Lab	38.0826, 13.4819, -3.4694

# Details

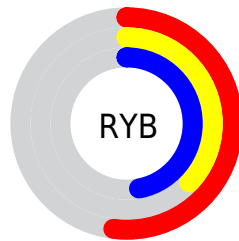
The Hex color **855F77** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **5F856D**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **BB92AB**, and **533047** is the 20% darker color. If you saturate the color by 10%, you get **855272**, and if you desaturate by 10%, it is **856C7C**.

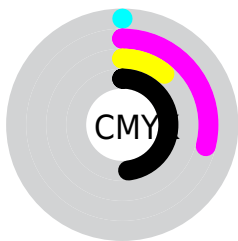
# Distribution



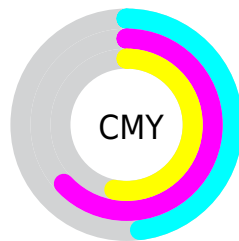
- Red (52%)
- Green (37%)
- Blue (47%)



- Red (52%)
- Yellow (37%)
- Blue (47%)



- Cyan (0%)
- Magenta (29%)
- Yellow (11%)
- Black (48%)



- Cyan (48%)
- Magenta (63%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 855F77 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 855F77 by changing the saturation by 10% instead.





855F77



855F77

FFFFFF



6B475E



BB92AB



533047



D7ADC6



3B1A30



F3C8E2



25031B



FFE4FF



000000



855F77



855F77



855272



856C7C



85446D



857A81



853768



858786

852A63

85948B

851C5F

85A290

850F5A

85AF94

850255

85BC99

850054

85C99E

85D7A3

# Harmonies

## Analogous

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



746485



855F77



8D5D65

# Triad

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



855F77



716B48



347380

# Complementary

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



855F77



5F856D

# 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.



38746F



855F77



5E704F

# Square

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



855F77



81654A



4A735E



436F8A

# Rectangle

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



855F77



8D5F5A



4A735E



33737B



# Sweetspot

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



855F77



AD9EA8



6D5F85



574D53



D6D6D6



575757



# Same Dimension

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



855F77



AD7298



855F64



423C40



820052



030002



# Inverse Universe

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



855F77



AD7298



5F8580



423C40



820052

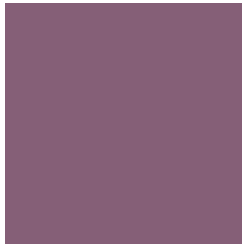


030002



# Previews

## White Background



This preview shows how the Hex color 855F77 looks on a white background.

## Color Contrast Check

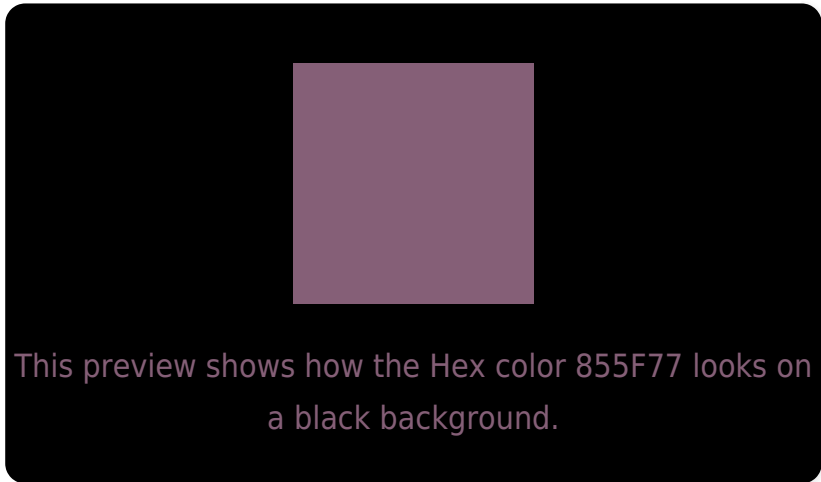
Large Text (above 18pt) WCAG AA ✓ Pass

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

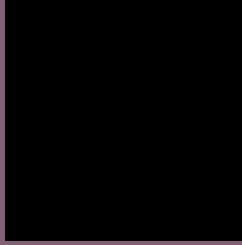
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 855F77 Background



This preview shows how black text looks on a background with the Hex color 855F77.



This preview shows how white text looks on a background with the Hex color 855F77.

# 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**  
855F77

**Protanopia**  
676A7E

**Deuteranopia**  
706875



**Tritanopia**  
836169

# Trichromacy



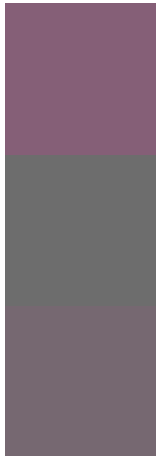
**Original Color**  
855F77

**Protanomaly**  
72667B

**Deuteranomaly**  
786576

**Tritanomaly**  
84606E

# Monochromacy



**Original Color**  
855F77

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
766871

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 855F77 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 #855F77 looks like.

```
.text, #text, p{  
    color:#855F77  
}
```

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 #855F77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #855F77  
}
```

## Border

The CSS property to change the border of an element to Hex 855F77 is called "border". The border property can be set on classes, ids or directly on the HTML element.

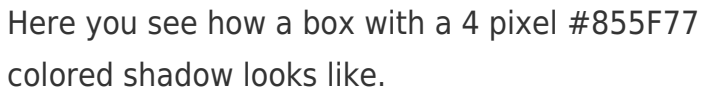
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#855F77 }
```

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

```
.border{ border-color:#855F77 }
```

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



Here you see how a box with a 4 pixel `#855F77` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #855F77; -webkit-box-shadow:4px 4px  
4px 4px #855F77; box-shadow:4px 4px 4px  
4px #855F77 }
```

# Background

The CSS property to change the background color of an element to Hex 855F77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#855F77 }
```

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

```
.background{ background-color:#855F77 }
```

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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