

# Converting Colors

Hex(857D77)

Have a look what the booklet for  
Hex(857D77) contains.

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# Color

Hex(857D77)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	857D77
RGB	133, 125, 119
RGB Percent	52%, 49%, 47%
CMY	0.4784, 0.5098, 0.5333
CMYK	0.00, 0.06, 0.11, 0.48
HSL	26°, 6%, 49%
HSV	26°, 11%, 52%
XYZ	20.3363, 20.9857, 20.4316
YIQ	126.7080, 6.6940, -0.1700

# Conversions

## Conversions Part 2

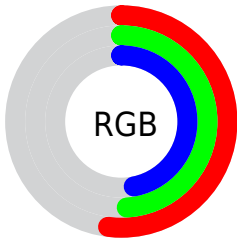
Format	Color
<b>RYB</b>	133, 130, 119
Decimal	8748407
CIELab	52.93, 1.92, 4.35
CIELCh	53, 4.757, 66.141
Yxy	20.9857, 0.3293, 0.3398
Android (android.graphics.Color)	4286938487 (0xFF857D77)
YUV	126.7080, -3.8000, 5.5181
Hunter-Lab	45.8101, -0.9272, 5.6234

# Details

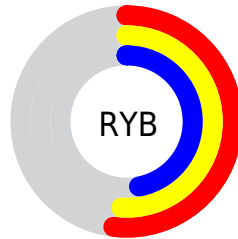
The Hex color **857D77** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **777F85**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **BAB2AB**, and **534C47** is the 20% darker color. If you saturate the color by 10%, you get **85756A**, and if you desaturate by 10%, it is **858584**.

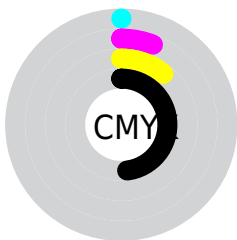
# Distribution



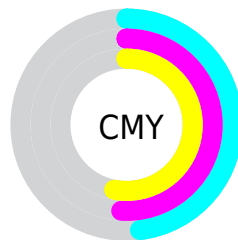
- Red (52%)
- Green (49%)
- Blue (47%)



- Red (52%)
- Yellow (51%)
- Blue (47%)



- Cyan (0%)
- Magenta (6%)
- Yellow (11%)
- Black (48%)



- Cyan (48%)
- Magenta (51%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 857D77 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 857D77 by changing the saturation by 10% instead.





857D77



857D77

FFFFFF



6C645E



BAB2AB



534C47



D6CDC6



3C3630



F2E9E2



26201B



130900



000000



857D77



857D77



85756A



858584



856E5C



858C92

85664F

85949F

855F42

859BAC

855735

85A3BA

854F27

85ABC7

85481A

85B2D4

85400D

85BAE1

853900

85C1EF

# Harmonies

## Analogous

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



877C7A



857D77



817E76

# Triad

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



857D77



75817F



807D85

# Complementary

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



857D77



777F85

# 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.



7B7E86



857D77



758183

# Square

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



857D77



78817B



778086



857C82

# Rectangle

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



857D77



7E7F77



778086



7F7D86



# Sweetspot

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



857D77



ADAAA8



85777F



575553



D6D6D6



575757



# Same Dimension

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



857D77



ADA197



858477



423F3C



823800



030100



# Inverse Universe

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



777F85



97A4AD



777885



3C3F42



004A82



000103



# Previews

## White Background



This preview shows how the Hex color 857D77 looks on a white background.

## Color Contrast Check

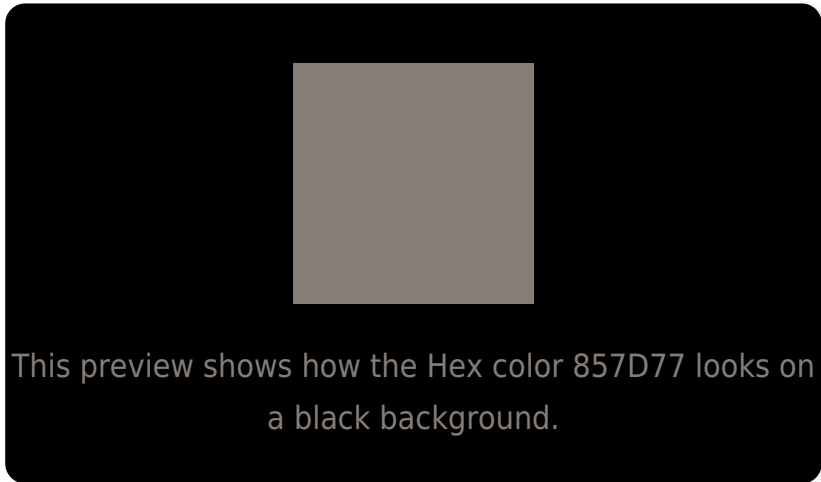
Large Text (above 18pt) WCAG AA ✓ Pass

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

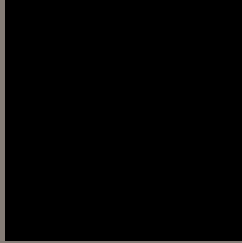
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 857D77 Background



This preview shows how black text looks on a background with the Hex color 857D77.



This preview shows how white text looks on a background with the Hex color 857D77.

# 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**  
857D77

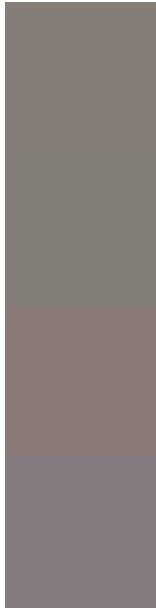
**Protanopia**  
827E77

**Deuteranopia**  
8D7A78



**Tritanopia**  
877B85

# Trichromacy



**Original Color**  
857D77

**Protanomaly**  
837E77

**Deuteranomaly**  
8A7B78

**Tritanomaly**  
867C80

# Monochromacy



**Original Color**  
857D77

**Achromatopsia**  
7F7F7F

**Achromatomaly**  
817E7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 857D77 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 #857D77 looks like.

```
.text, #text, p{  
    color:#857D77  
}
```

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 #857D77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #857D77
}
```

## Border

The CSS property to change the border of an element to Hex 857D77 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
#857D77 }
```

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

```
.border{ border-color:#857D77 }
```

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

Here you see how a box with a 4 pixel #857D77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #857D77; -webkit-box-shadow:4px 4px  
4px 4px #857D77; box-shadow:4px 4px 4px  
4px #857D77 }
```

# Background

The CSS property to change the background color of an element to Hex 857D77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#857D77 }
```

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

```
.background{ background-color:#857D77 }
```

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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