

# Converting Colors

Hex(877959)

Have a look what the booklet for  
Hex(877959) contains.

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**Color**

**Hex(877959)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	877959
RGB	135, 121, 89
RGB Percent	53%, 47%, 35%
CMY	0.4706, 0.5255, 0.6510
CMYK	0.00, 0.10, 0.34, 0.47
HSL	42°, 21%, 44%
HSV	42°, 34%, 53%
XYZ	18.6322, 19.5469, 12.2421
YIQ	121.5380, 18.6160, -6.9840

# Conversions

## Conversions Part 2

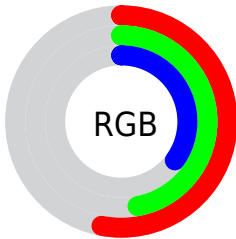
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	109, 135, 89
Decimal	8878425
CIE <sub>Lab</sub>	51.32, 0.28, 19.54
CIE <sub>LCh</sub>	51, 19.543, 89.185
Yxy	19.5469, 0.3695, 0.3877
Android (android.graphics.Color)	4287068505 (0xFF877959)
YUV	121.5380, -16.0412, 11.8062
Hunter-Lab	44.2119, -2.1455, 14.5311

# Details

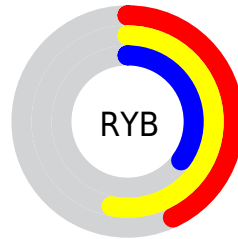
The Hex color **877959** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **596787**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **BDAD8B**, and **54492B** is the 20% darker color. If you saturate the color by 10%, you get **87754C**, and if you desaturate by 10%, it is **877D67**.

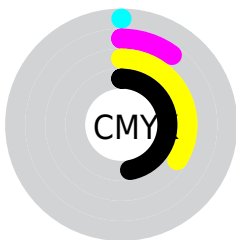
# Distribution



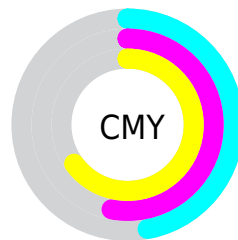
- Red (53%)
- Green (47%)
- Blue (35%)



- Red (43%)
- Yellow (53%)
- Blue (35%)



- Cyan (0%)
- Magenta (10%)
- Yellow (34%)
- Black (47%)



- Cyan (47%)
- Magenta (53%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 877959 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 877959 by changing the saturation by 10% instead.





877959



877959

FFFFFF



6D6041



BDAD8B



54492B



D9C9A6



3C3216



F6E5C1



271D00



FFFFDD



080400



FFFFF9



000000



877959



877959



87754C



877D67



87713E



878174

 876D31

 878582

 876923

 87898F

 876415

 878E9C

 876008

 8792AA

 875E00

 8796B8

 879AC5

 879ED3

# Harmonies

## Analogous

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



95735E



877959



757E5D

# Triad

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



877959



49838A



8F718C

# Complementary

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



877959



596787

# 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.



7C7697



877959



518196

# Square

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



877959



518479



657C9B



9A6E7B

# Rectangle

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



877959



688164



657C9B



8A7290



# Sweetspot

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



877959



B0AB9E



875968



59564F



D9D9D9



595959



# Same Dimension

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



877959



B09A68



7F8759



42403C



825A00



030200



# Inverse Universe

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



596787



687EB0



615987



3C3E42



002882



000103



# Previews

## White Background



This preview shows how the Hex color 877959 looks on a white background.

## Color Contrast Check

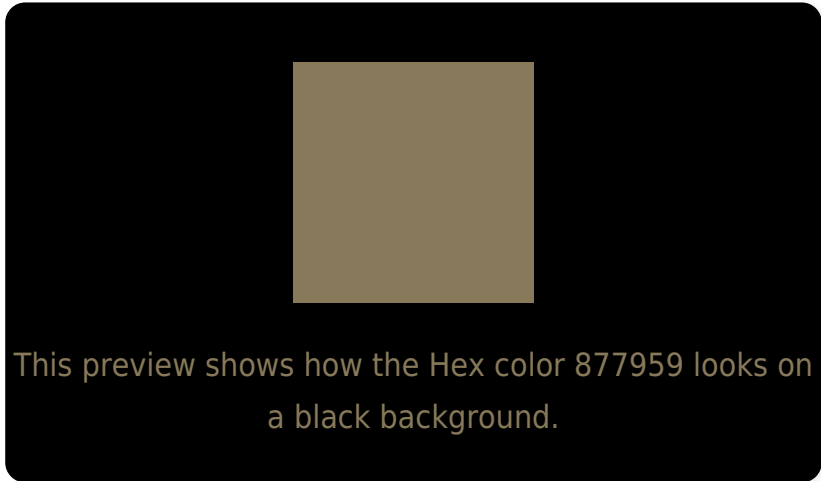
Large Text (above 18pt) WCAG AA ✓ Pass

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

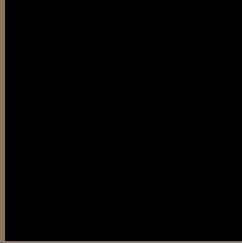
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 877959 Background



This preview shows how black text looks on a background with the Hex color 877959.



This preview shows how white text looks on a background with the Hex color 877959.

# 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**  
877959

**Protanopia**  
837A5A

**Deuteranopia**  
91755A



**Tritanopia**  
8B747D

# Trichromacy



**Original Color**  
877959

**Protanomaly**  
847A5A

**Deuteranomaly**  
8D765A

**Tritanomaly**  
8A7670

# Monochromacy



**Original Color**  
877959

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
7F7A6E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 877959 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 #877959 looks like.

```
.text, #text, p{  
    color:#877959  
}
```

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 #877959 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #877959
}
```

## Border

The CSS property to change the border of an element to Hex 877959 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
#877959 }
```

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

```
.border{ border-color:#877959 }
```

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

Here you see how a box with a 4 pixel #877959 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #877959; -webkit-box-shadow:4px 4px  
4px 4px #877959; box-shadow:4px 4px 4px  
4px #877959 }
```

# Background

The CSS property to change the background color of an element to Hex 877959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#877959 }
```

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

```
.background{ background-color:#877959 }
```

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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