

# Converting Colors

Hex(877481)

Have a look what the booklet for  
Hex(877481) contains.

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# Color

**Hex(877481)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	877481
RGB	135, 116, 129
RGB Percent	53%, 45%, 51%
CMY	0.4706, 0.5451, 0.4941
CMYK	0.00, 0.14, 0.04, 0.47
HSL	319°, 8%, 49%
HSV	319°, 14%, 53%
XYZ	20.1995, 19.2267, 23.4154
YIQ	123.1630, 7.1510, 8.0710

# Conversions

## Conversions Part 2

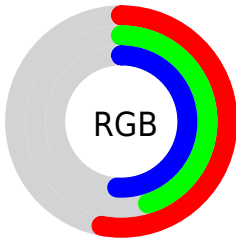
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 116, 129
Decimal	8877185
CIE Lab	50.95, 9.80, -4.39
CIE LCh	51, 10.736, 335.861
Yxy	19.2267, 0.3214, 0.3060
Android (android.graphics.Color)	4287067265 (0xFF877481)
YUV	123.1630, 2.8776, 10.3810
Hunter-Lab	43.8482, 5.4950, -0.9677

# Details

The Hex color **877481** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **74877A**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **BCA8B6**, and **554450** is the 20% darker color. If you saturate the color by 10%, you get **87677D**, and if you desaturate by 10%, it is **878285**.

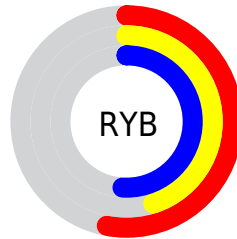
# Distribution



Red (53%)

Green (45%)

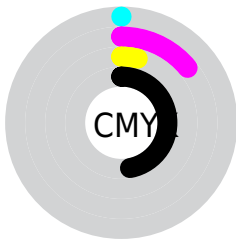
Blue (51%)



Red (53%)

Yellow (45%)

Blue (51%)

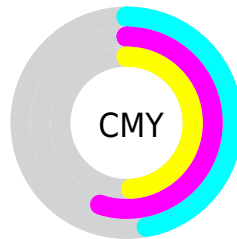


Cyan (0%)

Magenta (14%)

Yellow (4%)

Black (47%)



Cyan (47%)

Magenta (55%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 877481 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 877481 by changing the saturation by 10% instead.



877481

877481

FFFFFF

6E5B68

BCA8B6

554450

D8C3D1

3E2E39

F5DFEE

281923

FFFCFF

15000E

000000

877481

877481

87677D

878285

875978

878F8A

874C74

879C8E

873E70

87AA92

87316C

87B896

872367

87C59B

871563

87D39F

87085F

87E0A3

87005C

87EDA7

# Harmonies

## Analogous

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



7D7688



877481



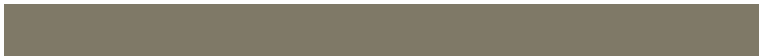
8C7378

# Triad

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



877481



7F7967



627E84

# Complementary

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



877481



74877A

# 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.



637F7B



877481



747C6A

# Square

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



877481



877669



6A7E72



677C8A

# Rectangle

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



877481



8D7372



6A7E72



627F81



# Sweetspot

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



877481



B0A9AE



7A7487



595558



D9D9D9



595959



# Same Dimension

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



877481



B092A7



877478



423C40



820059



030002



# Inverse Universe

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



877481



B092A7



748783



423C40



820059



030002



# Previews

## White Background



This preview shows how the Hex color 877481 looks on a white background.

## Color Contrast Check

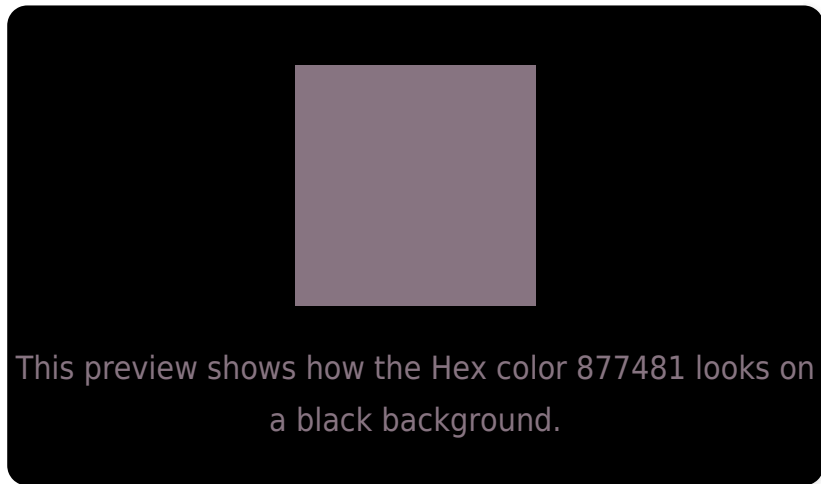
Large Text (above 18pt) WCAG AA ✓ Pass

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

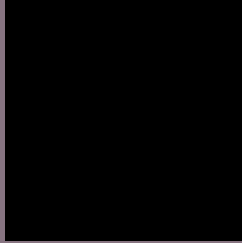
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 877481 Background



This preview shows how black text looks on a background with the Hex color 877481.



This preview shows how white text looks on a background with the Hex color 877481.

# 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**  
877481

**Protanopia**  
797984

**Deuteranopia**  
827681



**Tritanopia**  
87757E

# Trichromacy



**Original Color**

877481

**Protanomaly**

7E7783

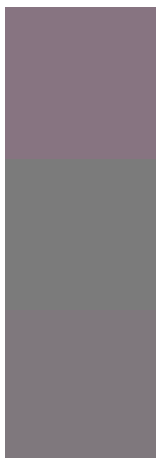
**Deuteranomaly**

847581

**Tritanomaly**

87757F

# Monochromacy



**Original Color**

877481

**Achromatopsia**

7B7B7B

**Achromatomaly**

7F787D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 877481 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 #877481 looks like.

```
.text, #text, p{  
    color:#877481  
}
```

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 #877481 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #877481
}
```

## Border

The CSS property to change the border of an element to Hex 877481 is called "border". The border property can be set on classes, ids or directly on the HTML element.

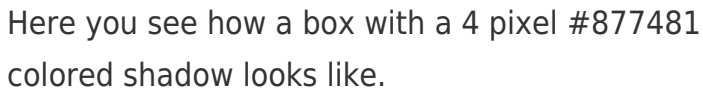
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#877481 }
```

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

```
.border{ border-color:#877481 }
```

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



Here you see how a box with a 4 pixel #877481 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #877481; -webkit-box-shadow:4px 4px  
4px 4px #877481; box-shadow:4px 4px 4px  
4px #877481 }
```

# Background

The CSS property to change the background color of an element to Hex 877481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#877481 }
```

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

```
.background{ background-color:#877481 }
```

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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