

# Converting Colors

Hex(877675)

Have a look what the booklet for  
Hex(877675) contains.

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# Color

**Hex(877675)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	877675
RGB	135, 118, 117
RGB Percent	53%, 46%, 46%
CMY	0.4706, 0.5373, 0.5412
CMYK	0.00, 0.13, 0.13, 0.47
HSL	3°, 7%, 49%
HSV	3°, 13%, 53%
XYZ	19.6810, 19.3921, 19.5354
YIQ	122.9690, 10.4530, 3.2930

# Conversions

## Conversions Part 2

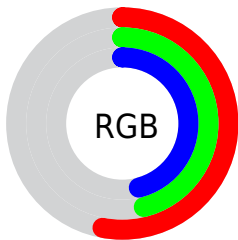
Format	Color
R <sub>Y</sub> B	135, 118, 117
Decimal	8877685
CIE Lab	51.14, 6.40, 2.96
CIE LCh	51, 7.049, 24.842
Yxy	19.3921, 0.3358, 0.3309
Android (android.graphics.Color)	4287067765 (0xFF877675)
YUV	122.9690, -2.9427, 10.5512
Hunter-Lab	44.0365, 2.7122, 4.5234

# Details

The Hex color **877675** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **758687**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **BCAAA9**, and **554645** is the 20% darker color. If you saturate the color by 10%, you get **876968**, and if you desaturate by 10%, it is **878383**.

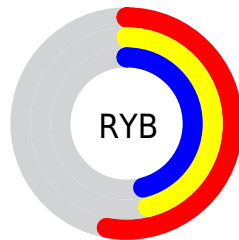
# Distribution



Red (53%)

Green (46%)

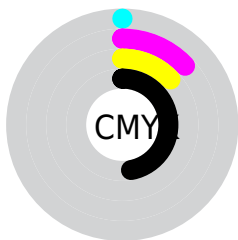
Blue (46%)



Red (53%)

Yellow (46%)

Blue (46%)

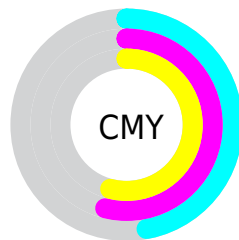


Cyan (0%)

Magenta (13%)

Yellow (13%)

Black (47%)



Cyan (47%)

Magenta (54%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 877675 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 877675 by changing the saturation by 10% instead.



 877675

 877675

FFFFFF

 6E5D5C

 BCAA9

 554645

 D8C5C4

 3E2F2F

 F5E1E0

 281B1A

FFFEFD

 140000

 000000

 877675

 877675

 876968

 878383

 875D5A

 879090

87504D

879C9D

87433F

87A9AB

873631

87B6B9

872A24

87C2C6

871D16

87CFD3

871009

87DCE1

870800

87E9EF

# Harmonies

## Analogous

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



86767B



877675



857770

# Triad

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



877675



727D73



727B86

# Complementary

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



877675



758687

# 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.



6D7C83



877675



6D7D79

# Square

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



877675



797B6F



6B7D7F



7A7985

# Rectangle

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



877675



82786E



6B7D7F



707B85



# Sweetspot

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



877675



B0A9A9



877586



595555



D9D9D9



595959



# Same Dimension

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



877675



B09594



877F75



423C3C



820700



030000



# Inverse Universe

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



758687



94AEB0



757D87



3C4242



007B82



000203



# Previews

## White Background



This preview shows how the Hex color 877675 looks on a white background.

## Color Contrast Check

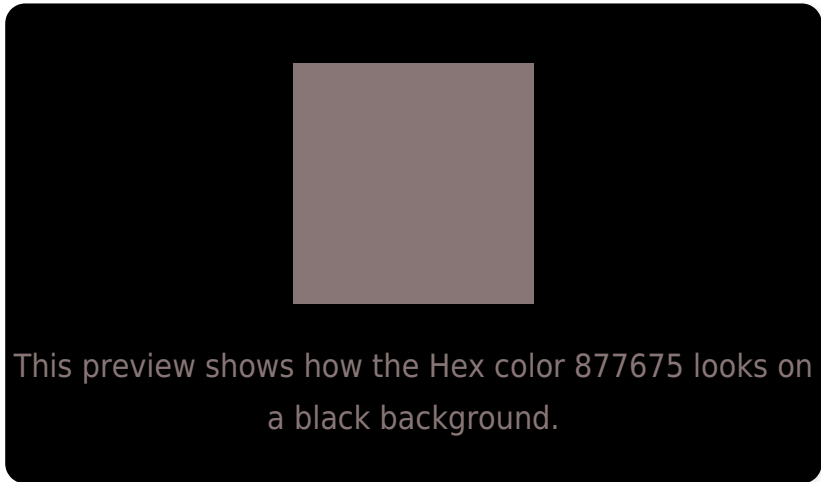
Large Text (above 18pt) WCAG AA ✓ Pass

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

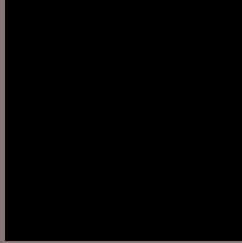
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 877675 Background



This preview shows how black text looks on a background with the Hex color 877675.



This preview shows how white text looks on a background with the Hex color 877675.

# 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**  
877675

**Protanopia**  
7D7977

**Deuteranopia**  
877675



**Tritanopia**  
88757E

# Trichromacy



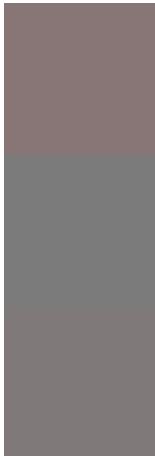
**Original Color**  
877675

**Protanomaly**  
817876

**Deuteranomaly**  
877675

**Tritanomaly**  
88757B

# Monochromacy



**Original Color**  
877675

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
7F7979

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 877675 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 #877675 looks like.

```
.text, #text, p{  
    color:#877675  
}
```

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 #877675 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #877675
}
```

## Border

The CSS property to change the border of an element to Hex 877675 is called "border". The border property can be set on classes, ids or directly on the HTML element.

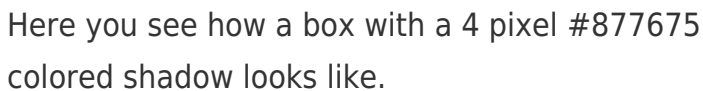
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#877675 }
```

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

```
.border{ border-color:#877675 }
```

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



Here you see how a box with a 4 pixel #877675 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #877675; -webkit-box-shadow:4px 4px  
4px 4px #877675; box-shadow:4px 4px 4px  
4px #877675 }
```

# Background

The CSS property to change the background color of an element to Hex 877675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#877675 }
```

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

```
.background{ background-color:#877675 }
```

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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