

# Converting Colors

Hex(878777)

Have a look what the booklet for  
Hex(878777) contains.

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# Color

**Hex(878777)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	878777
RGB	135, 135, 119
RGB Percent	53%, 53%, 47%
CMY	0.4706, 0.4706, 0.5333
CMYK	0.00, 0.00, 0.12, 0.47
HSL	60°, 6%, 50%
HSV	60°, 12%, 53%
XYZ	21.9854, 23.8108, 20.8899
YIQ	133.1760, 5.1360, -4.9760

# Conversions

## Conversions Part 2

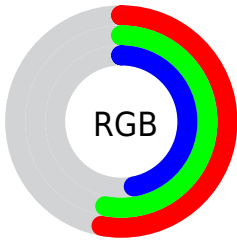
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 135, 119
Decimal	8882039
CIE <sub>Lab</sub>	55.90, -2.98, 8.61
CIE <sub>LCh</sub>	56, 9.111, 109.073
Yxy	23.8108, 0.3297, 0.3571
Android (android.graphics.Color)	4287072119 (0xFF878777)
YUV	133.1760, -6.9888, 1.5996
Hunter-Lab	48.7963, -4.9693, 8.7750

# Details

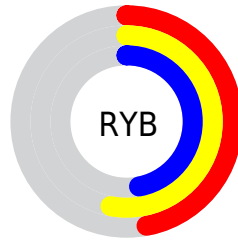
The Hex color **878777** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **777787**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **BCBCAB**, and **555547** is the 20% darker color. If you saturate the color by 10%, you get **87876A**, and if you desaturate by 10%, it is **878785**.

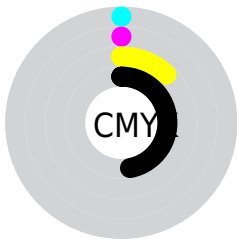
# Distribution



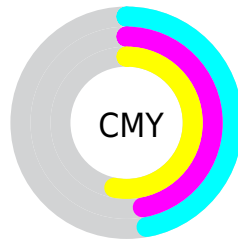
- Red (53%)
- Green (53%)
- Blue (47%)



- Red (47%)
- Yellow (53%)
- Blue (47%)



- Cyan (0%)
- Magenta (0%)
- Yellow (12%)
- Black (47%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 878777 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 878777 by changing the saturation by 10% instead.





878777



878777

FFFFFF



6E6E5E



BCBCAB



555547



D8D8C6



3E3E30



F5F4E3



28281B



141400



000000



878777



878777



87876A



878785



87875C



878792

 87874F

 8787A0

 878741

 8787AD

 878734

 8787BB

 878726

 8787C8

 878719

 8787D6

 87870B

 8787E3

 878700

 8787F1

# Harmonies

## Analogous

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



8F8477



878777



7E897B

# Triad

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



878777



748A92



948189

# Complementary

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



878777



777787

# 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.



8E8290



878777



7A8895

# Square

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



878777



728B8B



848595



978181

# Rectangle

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



878777



788A80



848595



93818C



# Sweetspot

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



878777



B0B0A9



877777



595955



D9D9D9



595959



# Same Dimension

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



878777



B0B097



7F8777



42423C



828200



030300



# Inverse Universe

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



777787



9797B0



7F7787



3C3C42



000082

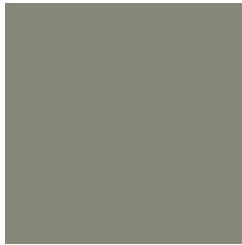


000003



# Previews

## White Background



This preview shows how the Hex color 878777 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

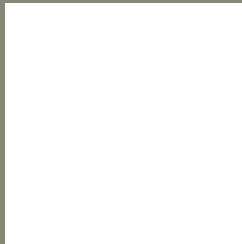
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 878777 Background



This preview shows how black text looks on a background with the Hex color 878777.



This preview shows how white text looks on a background with the Hex color 878777.

# 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**  
878777

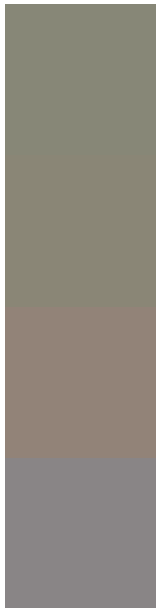
**Protanopia**  
8C8576

**Deuteranopia**  
988178



**Tritanopia**  
8A848E

# Trichromacy



**Original Color**  
878777

**Protanomaly**  
8A8676

**Deuteranomaly**  
928378

**Tritanomaly**  
898586

# Monochromacy



**Original Color**  
878777

**Achromatopsia**  
858585

**Achromatomaly**  
868680

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 878777 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 #878777 looks like.

```
.text, #text, p{  
    color:#878777  
}
```

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 #878777 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #878777  
}
```

## Border

The CSS property to change the border of an element to Hex 878777 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  
#878777 }
```

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

```
.border{ border-color:#878777 }
```

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

Here you see how a box with a 4 pixel #878777 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #878777; -webkit-box-shadow:4px 4px  
4px 4px #878777; box-shadow:4px 4px 4px  
4px #878777 }
```

# Background

The CSS property to change the background color of an element to Hex 878777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#878777 }
```

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

```
.background{ background-color:#878777 }
```

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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