

# Converting Colors

Hex(887E72)

Have a look what the booklet for  
Hex(887E72) contains.

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**Color**

**Hex(887E72)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	887E72
RGB	136, 126, 114
RGB Percent	53%, 49%, 45%
CMY	0.4667, 0.5059, 0.5529
CMYK	0.00, 0.07, 0.16, 0.47
HSL	33°, 9%, 49%
HSV	33°, 16%, 53%
XYZ	20.6515, 21.3709, 18.9561
YIQ	127.6220, 9.8120, -1.6120

# Conversions

## Conversions Part 2

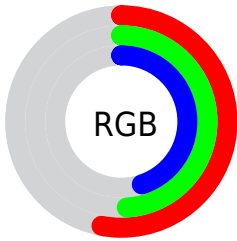
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 136, 114
Decimal	8945266
CIE Lab	53.35, 1.65, 7.90
CIE LCh	53, 8.070, 78.170
Yxy	21.3709, 0.3387, 0.3505
Android (android.graphics.Color)	4287135346 (0xFF887E72)
YUV	127.6220, -6.7156, 7.3475
Hunter-Lab	46.2286, -1.1598, 8.0481

# Details

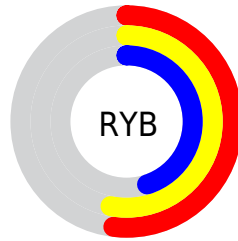
The Hex color **887E72** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **727C88**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **BDB3A6**, and **564D42** is the 20% darker color. If you saturate the color by 10%, you get **887864**, and if you desaturate by 10%, it is **888480**.

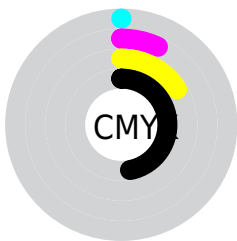
# Distribution



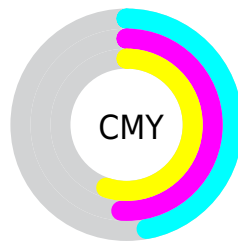
- Red (53%)
- Green (49%)
- Blue (45%)



- Red (52%)
- Yellow (53%)
- Blue (45%)



- Cyan (0%)
- Magenta (7%)
- Yellow (16%)
- Black (47%)



- Cyan (47%)
- Magenta (51%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 887E72 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 887E72 by changing the saturation by 10% instead.





887E72



887E72

FFFFFF



6F6559



BDB3A6



564D42



D9CEC1



3F362C



F6EADD



292117



FFFFFF9



140A00



000000



887E72



887E72



887864



888480



887257



888A8D

886B49

88919B

88653C

8897A8

885F2E

889DB6

885920

88A3C4

885313

88A9D1

884D05

88AFDF

884A00

88B6EC

# Harmonies

## Analogous

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



8D7C75



887E72



818072

# Triad

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



887E72



6E8483



867C89

# Complementary

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



887E72



727C88

# 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.



7D7F8D



887E72



6F8389

# Square

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



887E72



72837C



75818D



8C7B82

# Rectangle

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



887E72



7B8274



75818D



837D8A



# Sweetspot

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



887E72



B0ACA7



88727C



595754



D9D9D9



595959



# Same Dimension

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



887E72



B0A18F



878872



45423E



854800



050300



# Inverse Universe

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



727C88



8F9EB0



737288



3E4145



003C85

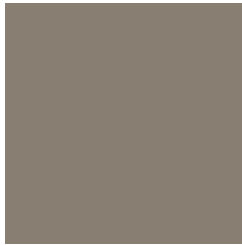


000205



# Previews

## White Background



This preview shows how the Hex color 887E72 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

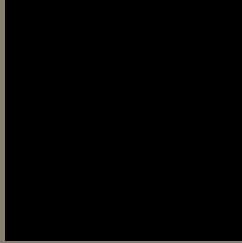
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 887E72 Background



This preview shows how black text looks on a background with the Hex color 887E72.



This preview shows how white text looks on a background with the Hex color 887E72.

# 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**  
887E72

**Protanopia**  
857F73

**Deuteranopia**  
907B73



**Tritanopia**  
8A7B85

# Trichromacy



**Original Color**  
887E72

**Protanomaly**  
867F73

**Deuteranomaly**  
8D7C73

**Tritanomaly**  
897C7E

# Monochromacy



**Original Color**  
887E72

**Achromatopsia**  
808080

**Achromatomaly**  
837F7B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 887E72 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 #887E72 looks like.

```
.text, #text, p{  
    color:#887E72  
}
```

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 #887E72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #887E72  
}
```

## Border

The CSS property to change the border of an element to Hex 887E72 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  
#887E72 }
```

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

```
.border{ border-color:#887E72 }
```

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

Here you see how a box with a 4 pixel #887E72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #887E72; -webkit-box-shadow:4px 4px  
4px 4px #887E72; box-shadow:4px 4px 4px  
4px #887E72 }
```

# Background

The CSS property to change the background color of an element to Hex 887E72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#887E72 }
```

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

```
.background{ background-color:#887E72 }
```

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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