

# Converting Colors

Hex(887E42)

Have a look what the booklet for  
Hex(887E42) contains.

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**Color**

**Hex(887E42)**

# Conversions

## Conversions Part 1

Format	Color
Hex	887E42
RGB	136, 126, 66
RGB Percent	53%, 49%, 26%
CMY	0.4667, 0.5059, 0.7412
CMYK	0.00, 0.07, 0.51, 0.47
HSL	51°, 35%, 40%
HSV	51°, 51%, 53%
XYZ	18.5976, 20.5493, 8.1405
YIQ	122.1500, 25.2200, -16.5400

# Conversions

## Conversions Part 2

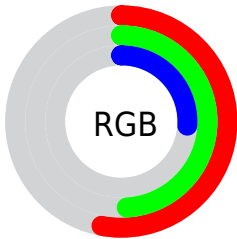
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 136, 66
Decimal	8945218
CIELab	52.45, -4.78, 33.77
CIELCh	52, 34.104, 98.057
Yxy	20.5493, 0.3933, 0.4346
Android (android.graphics.Color)	4287135298 (0xFF887E42)
YUV	122.1500, -27.6819, 12.1465
Hunter-Lab	45.3313, -6.0987, 21.0848

# Details

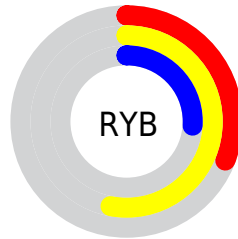
The Hex color **887E42** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **424C88**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **BFB273**, and **544D13** is the 20% darker color. If you saturate the color by 10%, you get **887C34**, and if you desaturate by 10%, it is **888050**.

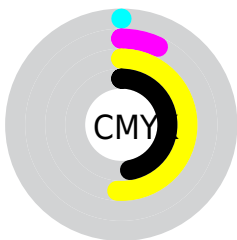
# Distribution



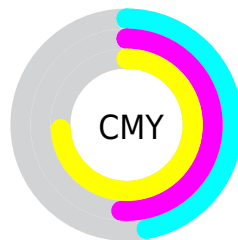
- Red (53%)
- Green (49%)
- Blue (26%)



- Red (31%)
- Yellow (53%)
- Blue (26%)



- Cyan (0%)
- Magenta (7%)
- Yellow (51%)
- Black (47%)



- Cyan (47%)
- Magenta (51%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 887E42 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 887E42 by changing the saturation by 10% instead.





887E42



887E42

FFFFFF



6E652A



BFB273



544D13



DBCE8D



3C3700



F8EAA8



242200



FFFFC4



010C00



FFFFE0



000000

FFFFFFD



887E42



887E42



887C34



888050

■ 887A27

■ 88825D

■ 887819

■ 88846B

■ 88760C

■ 888678

■ 887500

■ 888886

■ 888A94

■ 888CA1

■ 888EAF

■ 888FBC

# Harmonies

## Analogous

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



A27447



887E42



68864E

# Triad

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



887E42



008BA0



A86994

# Complementary

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



887E42



424C88

# 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.



8A73AB



887E42



1B86B3

# Square

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



887E42



008D84



5E7DB7



B56676

# Rectangle

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



887E42



508A5D



5E7DB7



A06C9D



# Sweetspot

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



887E42



B0AC96



88424D



595749



D9D9D9



595959



# Same Dimension

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



887E42



B0A043



708842



45443E



857200



050400



# Inverse Universe

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



424C88



4352B0



5A4288



3E3F45



001385



000105



# Previews

## White Background



This preview shows how the Hex color 887E42 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

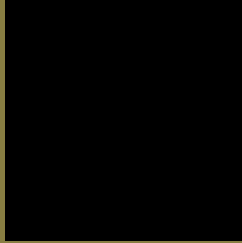
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 887E42 Background



This preview shows how black text looks on a background with the Hex color 887E42.



This preview shows how white text looks on a background with the Hex color 887E42.

# 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**  
887E42

**Protanopia**  
8A7D42

**Deuteranopia**  
997744



**Tritanopia**  
8E7780

# Trichromacy



**Original Color**  
887E42

**Protanomaly**  
897D42

**Deuteranomaly**  
937A43

**Tritanomaly**  
8C7A69

# Monochromacy



**Original Color**  
887E42

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
7F7B66

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 887E42 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 #887E42 looks like.

```
.text, #text, p{  
    color:#887E42  
}
```

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 #887E42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #887E42
}
```

## Border

The CSS property to change the border of an element to Hex 887E42 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
#887E42 }
```

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

```
.border{ border-color:#887E42 }
```

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

Here you see how a box with a 4 pixel #887E42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #887E42; -webkit-box-shadow:4px 4px  
4px 4px #887E42; box-shadow:4px 4px 4px  
4px #887E42 }
```

# Background

The CSS property to change the background color of an element to Hex 887E42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#887E42 }
```

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

```
.background{ background-color:#887E42 }
```

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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