

Converting Colors

Hex(877A56)

Have a look what the booklet for
Hex(877A56) contains.

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Color

Hex(877A56)

Conversions

Conversions Part 1

Format	Color
Hex	877A56
RGB	135, 122, 86
RGB Percent	53%, 48%, 34%
CMY	0.4706, 0.5216, 0.6627
CMYK	0.00, 0.10, 0.36, 0.47
HSL	44°, 22%, 43%
HSV	44°, 36%, 53%
XYZ	18.6309, 19.7418, 11.6327
YIQ	121.7830, 19.3040, -8.4400

Conversions

Conversions Part 2

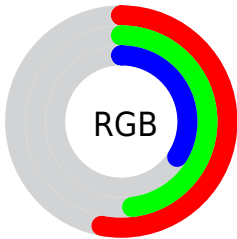
Format	Color
RYB	104, 135, 86
Decimal	8878678
CIELab	51.54, -0.69, 21.55
CIELCh	52, 21.565, 91.834
Yxy	19.7418, 0.3726, 0.3948
Android (android.graphics.Color)	4287068758 (0xFF877A56)
YUV	121.7830, -17.6410, 11.5913
Hunter-Lab	44.4318, -2.9079, 15.5795

Details

The Hex color **877A56** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **566387**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **BDAE88**, and **544A28** is the 20% darker color. If you saturate the color by 10%, you get **877649**, and if you desaturate by 10%, it is **877E64**.

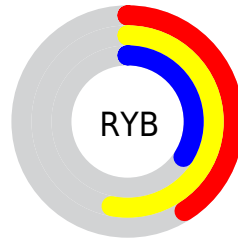
Distribution



Red (53%)

Green (48%)

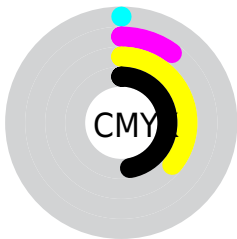
Blue (34%)



Red (41%)

Yellow (53%)

Blue (34%)

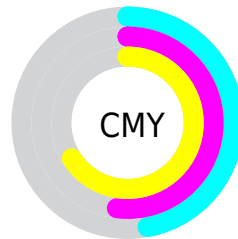


Cyan (0%)

Magenta (10%)

Yellow (36%)

Black (47%)



Cyan (47%)

Magenta (52%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 877A56 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 877A56 by changing the saturation by 10% instead.



877A56



877A56

FFFFFF



6D613E



BDAE88



544A28



D9CAA2



3C3313



F6E6BE



271E00



FFFFD9



070600



FFFFF6



000000



877A56



877A56



877649



877E64



87733B



878171

■ 876F2E

■ 87857F

■ 876C20

■ 87888C

■ 876813

■ 878C9A

■ 876505

■ 878FA7

■ 876300

■ 8793B5

■ 8797C2

■ 879AD0

Harmonies

Analogous

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



97745B



877A56



73805B

Triad

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



877A56



42848E



93708D

Complementary

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



877A56



566387

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.



7F769A



877A56



4D819B

Square

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



877A56



4B857B



657C9F



9F6D7A

Rectangle

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



877A56



658264



657C9F



8E7292

Sweetspot

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



877A56



B0AB9D



875663



59564E



D9D9D9



595959

Same Dimension

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



877A56



B09B63



7C8756



42413C



826000



030200

Inverse Universe

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



566387



6377B0



615687



3C3D42



002382



000103

Previews

White Background



This preview shows how the Hex color 877A56 looks on a white background.

Color Contrast Check

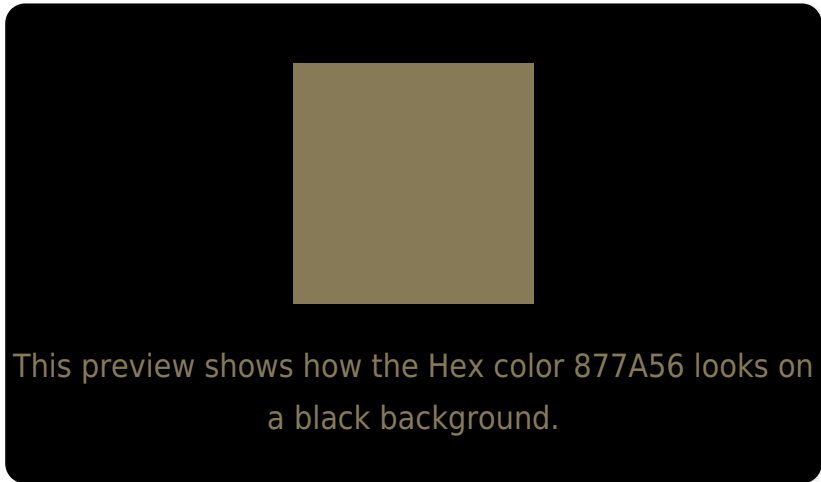
Large Text (above 18pt) WCAG AA ✓ Pass

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

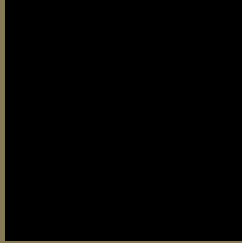
Any Text WCAG AA ✓ Pass

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 877A56 Background



This preview shows how black text looks on a background with the Hex color 877A56.



This preview shows how white text looks on a background with the Hex color 877A56.

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
877A56

Protanopia
857B56

Deuteranopia
927657



Tritanopia
8B757E

Trichromacy



Original Color
877A56

Protanomaly
867B56

Deuteranomaly
8E7757

Tritanomaly
8A776F

Monochromacy



Original Color
877A56

Achromatopsia
7A7A7A

Achromatomaly
7F7A6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 877A56 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 #877A56 looks like.

```
.text, #text, p{  
    color:#877A56  
}
```

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 #877A56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #877A56
}
```

Border

The CSS property to change the border of an element to Hex 877A56 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
#877A56 }
```

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

```
.border{ border-color:#877A56 }
```

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

Here you see how a box with a 4 pixel #877A56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #877A56; -webkit-box-shadow:4px 4px  
4px 4px #877A56; box-shadow:4px 4px 4px  
4px #877A56 }
```

Background

The CSS property to change the background color of an element to Hex 877A56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#877A56 }
```

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

```
.background{ background-color:#877A56 }
```

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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