

Converting Colors

Hex(877A75)

Have a look what the booklet for
Hex(877A75) contains.

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Color

Hex(877A75)

Conversions

Conversions Part 1

Format	Color
Hex	877A75
RGB	135, 122, 117
RGB Percent	53%, 48%, 46%
CMY	0.4706, 0.5216, 0.5412
CMYK	0.00, 0.10, 0.13, 0.47
HSL	17°, 7%, 49%
HSV	17°, 13%, 53%
XYZ	20.1621, 20.3543, 19.6957
YIQ	125.3170, 9.3530, 1.2010

Conversions

Conversions Part 2

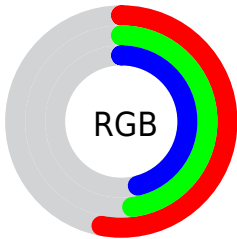
Format	Color
R_{YB}	135, 124, 117
Decimal	8878709
CIE _{Lab}	52.24, 4.08, 4.54
CIE _{LCh}	52, 6.101, 48.052
Yxy	20.3543, 0.3349, 0.3380
Android (android.graphics.Color)	4287068789 (0xFF877A75)
YUV	125.3170, -4.1003, 8.4920
Hunter-Lab	45.1158, 0.8185, 5.6974

Details

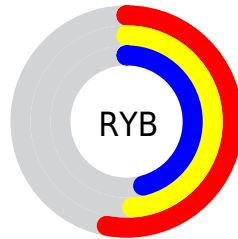
The Hex color **877A75** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **758287**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **BCAEA9**, and **554945** is the 20% darker color. If you saturate the color by 10%, you get **877068**, and if you desaturate by 10%, it is **878483**.

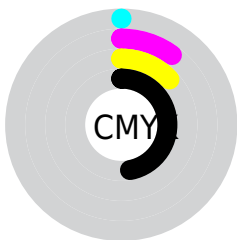
Distribution



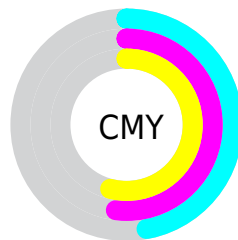
- Red (53%)
- Green (48%)
- Blue (46%)



- Red (53%)
- Yellow (49%)
- Blue (46%)



- Cyan (0%)
- Magenta (10%)
- Yellow (13%)
- Black (47%)



- Cyan (47%)
- Magenta (52%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 877A75 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 877A75 by changing the saturation by 10% instead.



877A75



877A75

FFFFFF



6E615C



BCAEA9



554945



D8CAC4



3E332F



F5E6E0



281E1A

FFFFFFD



140500



000000



877A75



877A75



877068



878483



87675A



878D90

875D4D

87979D

87533F

87A1AB

874931

87ABB9

874024

87B4C6

873616

87BED3

872C09

87C8E1

872600

87D2EF

Harmonies

Analogous

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



88797A



877A75



837B72

Triad

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



877A75



72807A



7B7C86

Complementary

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



877A75



758287

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.



757E87



877A75



708080

Square

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



877A75



777F75



717F84



817A84

Rectangle

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



877A75



807D72



717F84



797D87

Sweetspot

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



877A75



B0ABA9



877582



595655



D9D9D9



595959

Same Dimension

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



877A75



B09C94



878375



423E3C



822400



030100

Inverse Universe

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



758287



94A8B0



757987



3C4042



005E82



000203

Previews

White Background



This preview shows how the Hex color 877A75 looks on a white background.

Color Contrast Check

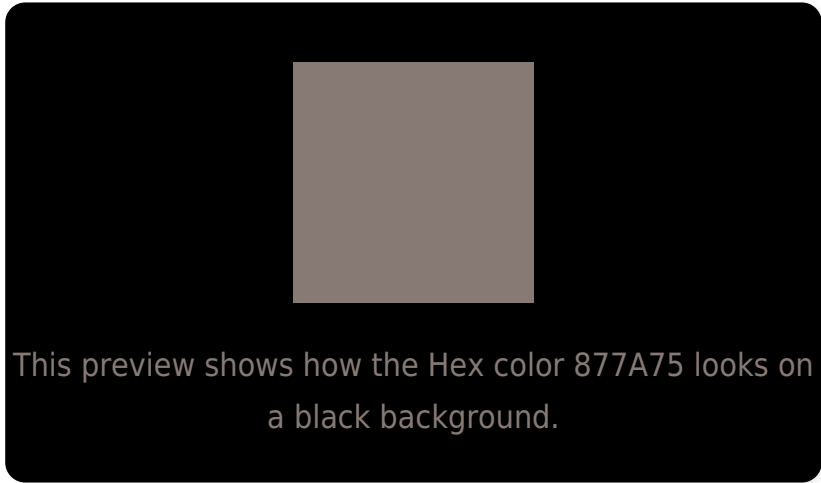
Large Text (above 18pt) WCAG AA ✓ Pass

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

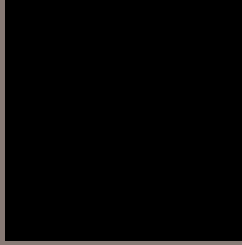
Any Text WCAG AA ✓ Pass

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 877A75 Background



This preview shows how black text looks on a background with the Hex color 877A75.



This preview shows how white text looks on a background with the Hex color 877A75.

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
877A75

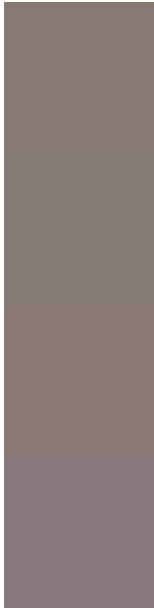
Protanopia
807C76

Deuteranopia
8B7875



Tritanopia
897882

Trichromacy



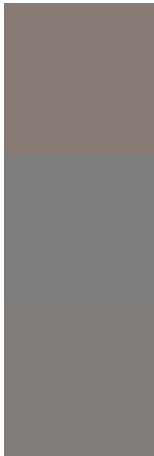
Original Color
877A75

Protanomaly
837B76

Deuteranomaly
8A7975

Tritanomaly
88797D

Monochromacy



Original Color
877A75

Achromatopsia
7D7D7D

Achromatomaly
817C7A

CSS Examples

Text

The CSS property to change the color of the text to Hex 877A75 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 #877A75 looks like.

```
.text, #text, p{  
    color:#877A75  
}
```

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 #877A75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #877A75
}
```

Border

The CSS property to change the border of an element to Hex 877A75 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
#877A75 }
```

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

```
.border{ border-color:#877A75 }
```

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

Here you see how a box with a 4 pixel #877A75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #877A75; -webkit-box-shadow:4px 4px  
4px 4px #877A75; box-shadow:4px 4px 4px  
4px #877A75 }
```

Background

The CSS property to change the background color of an element to Hex 877A75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#877A75 }
```

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

```
.background{ background-color:#877A75 }
```

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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