Converting Colors

Hex(817D4E)

Have a look what the booklet for Hex(817D4E) contains.

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Color

Hex(817D4E)

Conversions

Conversions Part 1

Format	Color
Hex	817D4E
RGB	129, 125, 78
RGB Percent	51%, 49%, 31%
CMY	0.4941, 0.5098, 0.6941
CMYK	0.00, 0.03, 0.40, 0.49
HSL	55°, 25%, 41%
HSV	55°, 40%, 51%
XYZ	17.7620, 19.8844, 10.1096
YIQ	120.8380, 17.4710, -13.7690

Conversions

Conversions Part 2

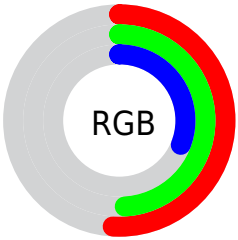
Format	Color
RYB	82, 129, 78
Decimal	8486222
CIELab	51.71, -5.98, 26.17
CIELCh	52, 26.845, 102.864
Yxy	19.8844, 0.3719, 0.4164
Android (android.graphics.Color)	4286676302 (0xFF817D4E)
YUV	120.8380, -21.1191, 7.1581
Hunter-Lab	44.5919, -6.9352, 17.7725

Details

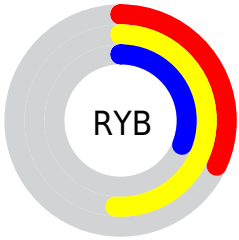
The Hex color 817D4E is a dark color, and the websafe version is hex 666633. A complement of this color would be 4E5281, and the grayscale version is 797979.

A 20% lighter version of the original color is B7B180, and 4F4C20 is the 20% darker color. If you saturate the color by 10%, you get 817C41, and if you desaturate by 10%, it is 817E5B.

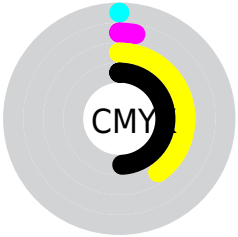
Distribution



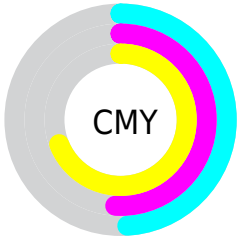
- Red (51%)
- Green (49%)
- Blue (31%)



- Red (32%)
- Yellow (51%)
- Blue (31%)



- Cyan (0%)
- Magenta (3%)
- Yellow (40%)
- Black (49%)



- Cyan (49%)
- Magenta (51%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 817D4E 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 817D4E by changing the saturation by 10% instead.

817D4E

FFFFFF

B7B180

D3CD9A

EFE9B5

FFFFD1

FFFFED

817D4E

676437

4F4C20

37360A

212000

000B00

000000

817D4E

817C41

817B34

817D4E

817E5B

817F68

817A27

81791A

81780E

817701

817700

818075

818182

81828F

81839B

8184A8

8185B5

8186C2

Harmonies

Analogous

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

967550

817D4E

678359

Triad

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

817D4E

2B869A

A06B89

Complementary

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

817D4E

4E5281

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.

8B729D

817D4E

4781A7

Square

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

817D4E

318885

6B7AA8

A96A72

Rectangle

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

817D4E

558666

6B7AA8

9A6D91

Sweetspot

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

817D4E

A8A794

814E52

545348

D4D4D4

545454

Same Dimension

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

817D4E

A8A259

6C814E

403F39

807500

000000

Inverse Universe

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

4E5281

595FA8

634E81

393A40

000A80

000000

Previews

White Background

This preview shows how the Hex color 817D4E 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

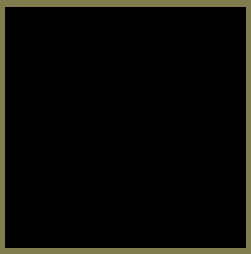
Black Background

Color Contrast Check

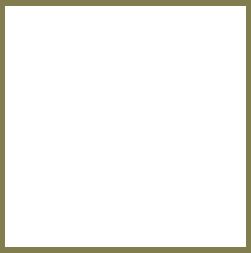
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

Hex 817D4E Background



This preview shows how black text looks on a background with the Hex color 817D4E.



This preview shows how white text looks on a background with the Hex color 817D4E.

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
817D4E

Protanopia
867B4D

Deuteranopia
947650

Tritanopia
877780

Trichromacy

Original Color
817D4E

Protanomaly
847C4D

Deuteranomaly
8D794F

Tritanomaly
85796E

Monochromacy

Original Color
817D4E

Achromatopsia
797979

Achromatomaly
7C7A69

CSS Examples

Text

The CSS property to change the color of the text to Hex 817D4E 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 #817D4E looks like.

```
.text, #text, p{
    color:#817D4E
}
```

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 #817D4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #817D4E
}
```

Border

The CSS property to change the border of an element to Hex 817D4E 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
#817D4E }
```

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

```
.border{ border-color:#817D4E }
```

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

Here you see how a box with a 4 pixel #817D4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #817D4E; -webkit-box-shadow:4px 4px 4px 4px #817D4E; box-shadow:4px 4px 4px 4px #817D4E }
```

Background

The CSS property to change the background color of an element to Hex 817D4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#817D4E }
```

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

```
.background{ background-color:#817D4E }
```

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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