

Converting Colors

Hex(817D77)

Have a look what the booklet for
Hex(817D77) contains.

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Color

Hex(817D77)

Conversions

Conversions Part 1

Format	Color
Hex	817D77
RGB	129, 125, 119
RGB Percent	51%, 49%, 47%
CMY	0.4941, 0.5098, 0.5333
CMYK	0.00, 0.03, 0.08, 0.49
HSL	36°, 4%, 49%
HSV	36°, 8%, 51%
XYZ	19.7166, 20.6663, 20.4026
YIQ	125.5120, 4.3100, -1.0180

Conversions

Conversions Part 2

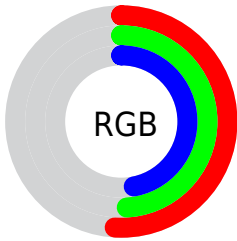
Format	Color
R_{YB}	126, 129, 119
Decimal	8486263
CIE _{Lab}	52.58, 0.37, 3.80
CIE _{LCh}	53, 3.816, 84.426
Yxy	20.6663, 0.3244, 0.3400
Android (android.graphics.Color)	4286676343 (0xFF817D77)
YUV	125.5120, -3.2104, 3.0590
Hunter-Lab	45.4602, -2.1376, 5.2127

Details

The Hex color **817D77** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **777B81**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **B6B2AB**, and **504C47** is the 20% darker color. If you saturate the color by 10%, you get **81786A**, and if you desaturate by 10%, it is **818284**.

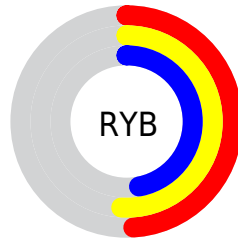
Distribution



Red (51%)

Green (49%)

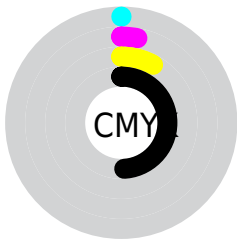
Blue (47%)



Red (49%)

Yellow (51%)

Blue (47%)

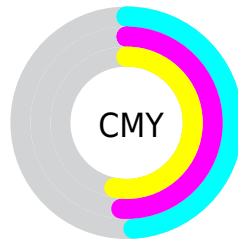


Cyan (0%)

Magenta (3%)

Yellow (8%)

Black (49%)



Cyan (49%)

Magenta (51%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 817D77 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 817D77 by changing the saturation by 10% instead.



817D77



817D77

FFFFFF



68645E



B6B2AB



504C47



D1CDC6



393630



EEE9E2



23201B



0E0900



000000



817D77



817D77



81786A



818284



81735D



818791

■ 816E50

■ 818C9E

■ 816843

■ 8192AB

■ 816337

■ 8197B8

■ 815E2A

■ 819CC4

■ 81591D

■ 81A1D1

■ 815410

■ 81A6DE

■ 814F03

■ 81ABEB

Harmonies

Analogous

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



847C78



817D77



7D7E77

Triad

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



817D77



767F80



817C81

Complementary

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



817D77



777B81

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.



7D7D83



817D77



777F83

Square

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



817D77



777F7D



7A7E84



847B7E

Rectangle

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



817D77



7B7F79



7A7E84



807C82

Sweetspot

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



817D77



A8A7A5



81777B



545352



D4D4D4



545454

Same Dimension

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



817D77



A8A299



808177



403D39



804C00



000000

Inverse Universe

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



777B81



999FA8



787781



393C40



003380



000000

Previews

White Background



This preview shows how the Hex color 817D77 looks on a white background.

Color Contrast Check

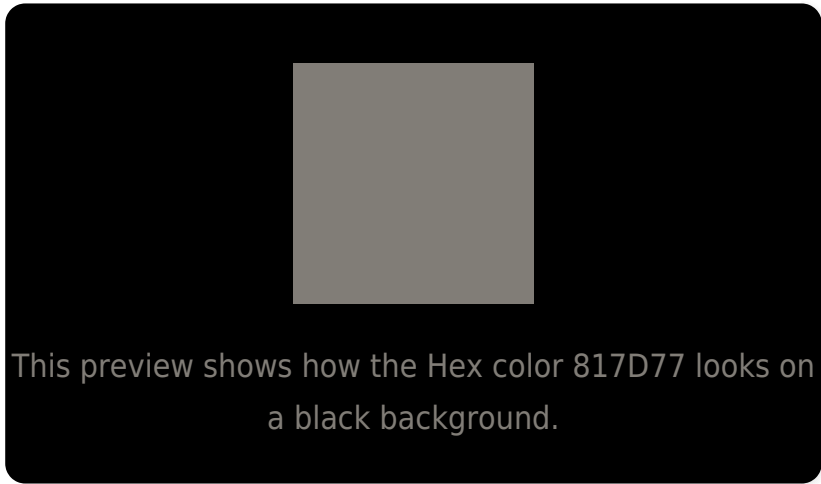
Large Text (above 18pt) WCAG AA ✓ Pass

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

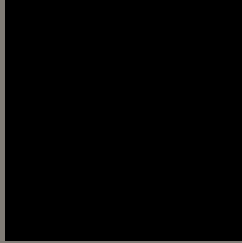
Any Text WCAG AA ✓ Pass

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 817D77 Background



This preview shows how black text looks on a background with the Hex color 817D77.



This preview shows how white text looks on a background with the Hex color 817D77.

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
817D77

Protanopia
817D77

Deuteranopia
8C7978



Tritanopia
837B85

Trichromacy



Original Color
817D77

Protanomaly
817D77

Deuteranomaly
887A78

Tritanomaly
827C80

Monochromacy



Original Color
817D77

Achromatopsia
7E7E7E

Achromatomaly
7F7E7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 817D77 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 #817D77 looks like.

```
.text, #text, p{  
    color:#817D77  
}
```

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 #817D77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #817D77
}
```

Border

The CSS property to change the border of an element to Hex 817D77 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
#817D77 }
```

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

```
.border{ border-color:#817D77 }
```

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

Here you see how a box with a 4 pixel #817D77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #817D77; -webkit-box-shadow:4px 4px  
4px 4px #817D77; box-shadow:4px 4px 4px  
4px #817D77 }
```

Background

The CSS property to change the background color of an element to Hex 817D77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#817D77 }
```

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

```
.background{ background-color:#817D77 }
```

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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