

Converting Colors

Hex(827F7C)

Have a look what the booklet for
Hex(827F7C) contains.

Hex(827F7C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(827F7C)

Conversions

Conversions Part 1

Format	Color
Hex	827F7C
RGB	130, 127, 124
RGB Percent	51%, 50%, 49%
CMY	0.4902, 0.5020, 0.5137
CMYK	0.00, 0.02, 0.05, 0.49
HSL	30°, 2%, 50%
HSV	30°, 5%, 51%
XYZ	20.4334, 21.3798, 22.1185
YIQ	127.5550, 2.7510, -0.2970

Conversions

Conversions Part 2

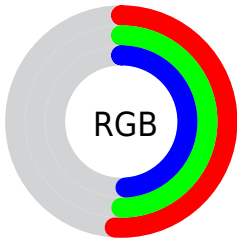
Format	Color
R_{YB}	130, 130, 124
Decimal	8552316
CIE Lab	53.36, 0.55, 2.02
CIE LCh	53, 2.095, 74.756
Yxy	21.3798, 0.3196, 0.3344
Android (android.graphics.Color)	4286742396 (0xFF827F7C)
YUV	127.5550, -1.7526, 2.1443
Hunter-Lab	46.2383, -2.0353, 4.0049

Details

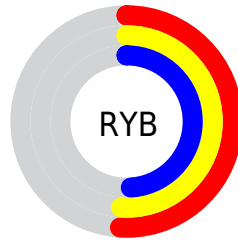
The Hex color **827F7C** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7C7F82**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **B7B4B0**, and **514E4B** is the 20% darker color. If you saturate the color by 10%, you get **82796F**, and if you desaturate by 10%, it is **828589**.

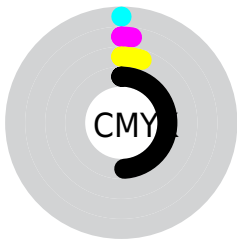
Distribution



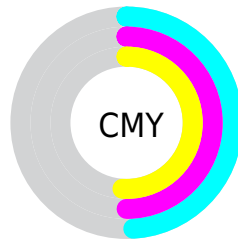
- Red (51%)
- Green (50%)
- Blue (49%)



- Red (51%)
- Yellow (51%)
- Blue (49%)



- Cyan (0%)
- Magenta (2%)
- Yellow (5%)
- Black (49%)



- Cyan (49%)
- Magenta (50%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 827F7C 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 827F7C by changing the saturation by 10% instead.



827F7C



827F7C

FFFFFF



696663



B7B4B0



514E4B



D2CFCC



3A3735



EFEBE8



242220



0F0C07



000000



827F7C



827F7C



82796F



828589



827262



828C96

 826C55

 8292A3

 826548

 8299B0

 825F3B

 829FBD

 82582E

 82A6CA

 825221

 82ACD7

 824B14

 82B3E4

 824507

 82B9F1

Harmonies

Analogous

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



837F7D



827F7C



80807C

Triad

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



827F7C



7B8180



817F82

Complementary

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



827F7C



7C7F82

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.



7F7F83



827F7C



7B8082

Square

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



827F7C



7C807E



7D8083



837E80

Rectangle

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



827F7C



7F807C



7D8083



807F82

Sweetspot

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



827F7C



A8A7A7



827C7F



545453



D4D4D4



545454

Same Dimension

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



827F7C



A8A39E



82827C



403E3B



804000



000000

Inverse Universe

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



7C7F82



9EA3A8



7C7C82



3B3E40



004080



000000

Previews

White Background



This preview shows how the Hex color 827F7C looks on a white background.

Color Contrast Check

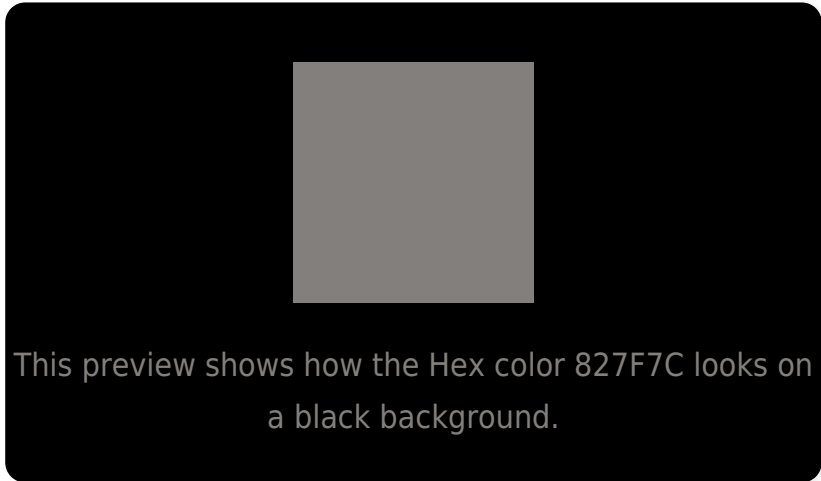
Large Text (above 18pt) WCAG AA ✓ Pass

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

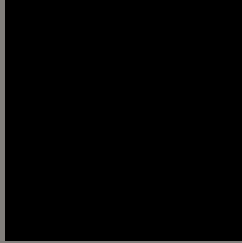
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

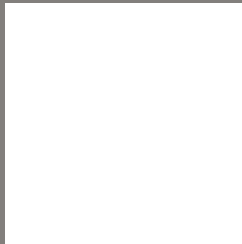
Any Text WCAG AAA × Fail

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

Hex 827F7C Background



This preview shows how black text looks on a background with the Hex color 827F7C.



This preview shows how white text looks on a background with the Hex color 827F7C.

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
827F7C

Protanopia
827F7C

Deuteranopia
8D7B7D



Tritanopia
847D87

Trichromacy



Original Color
827F7C

Protanomaly
827F7C

Deuteranomaly
897C7D

Tritanomaly
837E83

Monochromacy



Original Color
827F7C

Achromatopsia
808080

Achromatomaly
81807F

CSS Examples

Text

The CSS property to change the color of the text to Hex 827F7C 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 #827F7C looks like.

```
.text, #text, p{  
    color:#827F7C  
}
```

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 #827F7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #827F7C
}
```

Border

The CSS property to change the border of an element to Hex 827F7C is called "border". The border property can be set on classes, ids or directly on the HTML element.

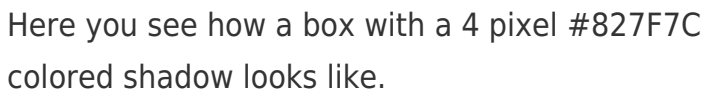
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#827F7C }
```

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

```
.border{ border-color:#827F7C }
```

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



Here you see how a box with a 4 pixel #827F7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #827F7C; -webkit-box-shadow:4px 4px  
4px 4px #827F7C; box-shadow:4px 4px 4px  
4px #827F7C }
```

Background

The CSS property to change the background color of an element to Hex 827F7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#827F7C }
```

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

```
.background{ background-color:#827F7C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor