

Converting Colors

Hex(827C7C)

Have a look what the booklet for
Hex(827C7C) contains.

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Color

Hex(827C7C)

Conversions

Conversions Part 1

Format	Color
Hex	827C7C
RGB	130, 124, 124
RGB Percent	51%, 49%, 49%
CMY	0.4902, 0.5137, 0.5137
CMYK	0.00, 0.05, 0.05, 0.49
HSL	0°, 2%, 50%
HSV	0°, 5%, 51%
XYZ	20.0517, 20.6164, 21.9913
YIQ	125.7940, 3.5760, 1.2720

Conversions

Conversions Part 2

Format	Color
RYB	130, 124, 124
Decimal	8551548
CIELab	52.53, 2.28, 0.81
CIElCh	53, 2.414, 19.508
Yxy	20.6164, 0.3200, 0.3290
Android (android.graphics.Color)	4286741628 (0xFF827C7C)
YUV	125.7940, -0.8844, 3.6887
Hunter-Lab	45.4052, -0.6308, 3.0675

Details

The Hex color **827C7C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7C8282**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **B7B0B0**, and **514B4B** is the 20% darker color. If you saturate the color by 10%, you get **826F6F**, and if you desaturate by 10%, it is **828989**.

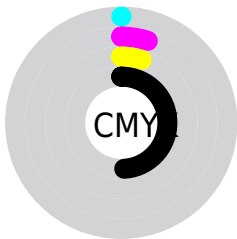
Distribution



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



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 827C7C 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 827C7C by changing the saturation by 10% instead.



827C7C



827C7C

FFFFFF



696363



B7B0B0



514B4B



D3CCCC



3A3535



EFE8E8



241F20



0F0707



000000



827C7C



827C7C



826F6F



828989



826262



829696

825555

82A3A3

824848

82B0B0

823B3B

82BDBD

822E2E

82CACA

822121

82D7D7

821414

82E4E4

820707

82F1F1

Harmonies

Analogous

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



817C7E



827C7C



827C7A

Triad

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



827C7C



7B7E7B



7B7E81

Complementary

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



827C7C



7C8282

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.



797E80



827C7C



797F7C

Square

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



827C7C



7E7E79



787F7F



7D7D81

Rectangle

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



827C7C



817D79



787F7F



7A7E81

Sweetspot

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



827C7C



A8A7A7



827C82



545353



D4D4D4



545454

Same Dimension

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



827C7C



A89E9E



827F7C



403B3B



800000



000000

Inverse Universe

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



7C8282



9EA8A8



7C7F82



3B4040



008080



000000

Previews

White Background



This preview shows how the Hex color 827C7C looks on a white background.

Color Contrast Check

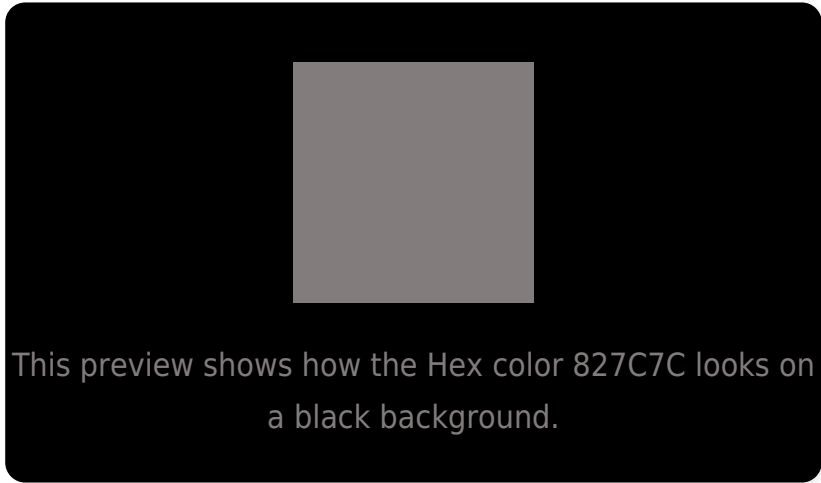
Large Text (above 18pt) WCAG AA ✓ Pass

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

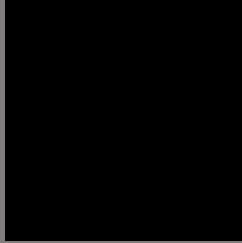
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

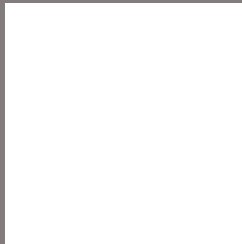
Any Text WCAG AAA × Fail

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

Hex 827C7C Background



This preview shows how black text looks on a background with the Hex color 827C7C.



This preview shows how white text looks on a background with the Hex color 827C7C.

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
827C7C

Protanopia
807D7C

Deuteranopia
8A797D



Tritanopia
837B84

Trichromacy



Original Color
827C7C

Protanomaly
817D7C

Deuteranomaly
877A7D

Tritanomaly
837B81

Monochromacy



Original Color
827C7C

Achromatopsia
7E7E7E

Achromatomaly
7F7D7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 827C7C 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 #827C7C looks like.

```
.text, #text, p{  
    color:#827C7C  
}
```

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 #827C7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #827C7C
}
```

Border

The CSS property to change the border of an element to Hex 827C7C is called "border". The border property can be set on classes, ids or directly on the HTML element.

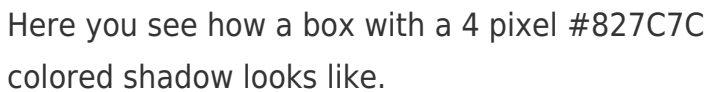
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#827C7C }
```

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

```
.border{ border-color:#827C7C }
```

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



Here you see how a box with a 4 pixel #827C7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #827C7C; -webkit-box-shadow:4px 4px  
4px 4px #827C7C; box-shadow:4px 4px 4px  
4px #827C7C }
```

Background

The CSS property to change the background color of an element to Hex 827C7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#827C7C }
```

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

```
.background{ background-color:#827C7C }
```

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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