

Converting Colors

Hex(827D80)

Have a look what the booklet for
Hex(827D80) contains.

Hex(827D80)	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(827D80)

Conversions

Conversions Part 1

Format	Color
Hex	827D80
RGB	130, 125, 128
RGB Percent	51%, 49%, 50%
CMY	0.4902, 0.5098, 0.4980
CMYK	0.00, 0.04, 0.02, 0.49
HSL	324°, 2%, 50%
HSV	324°, 4%, 51%
XYZ	20.4358, 20.9716, 23.3929
YIQ	126.8370, 2.0170, 1.9930

Conversions

Conversions Part 2

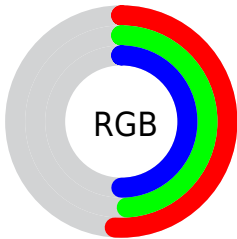
Format	Color
R_{YB}	130, 125, 128
Decimal	8551808
CIE Lab	52.92, 2.48, -0.96
CIE LCh	53, 2.658, 338.805
Yxy	20.9716, 0.3154, 0.3236
Android (android.graphics.Color)	4286741888 (0xFF827D80)
YUV	126.8370, 0.5734, 2.7740
Hunter-Lab	45.7947, -0.4855, 1.7697

Details

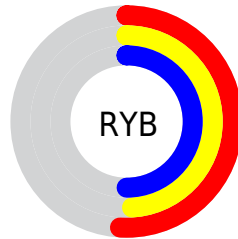
The Hex color **827D80** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7D827F**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **B7B2B5**, and **514C4F** is the 20% darker color. If you saturate the color by 10%, you get **82707B**, and if you desaturate by 10%, it is **828A85**.

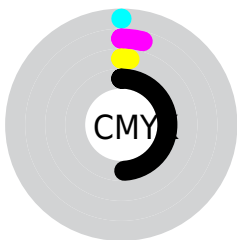
Distribution



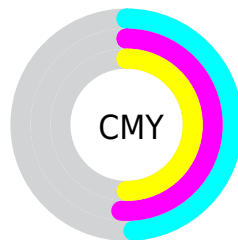
- Red (51%)
- Green (49%)
- Blue (50%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (2%)
- Black (49%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 827D80 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 827D80 by changing the saturation by 10% instead.

■ 827D80

■ 827D80

FFFFFF

■ 696467

■ B7B2B5

■ 514C4F

■ D2CDD0

■ 3A3638

■ EFE9ED

■ 242023

■ 0F090D

■ 000000

■ 827D80

■ 827D80

■ 82707B

■ 828A85

■ 826376

■ 82978A

825670

82A490

82496B

82B195

823C66

82BE9A

822F61

82CB9F

82225C

82D8A4

821556

82E5AA

820851

82F2AF

Harmonies

Analogous

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



807E82



827D80



837D7E

Triad

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



827D80



807E7A



798081

Complementary

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



827D80



7D827F

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.



79807F



827D80



7D7F7B

Square

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



827D80



827E7A



7B807D



7A7F82

Rectangle

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



827D80



837D7C



7B807D



798080

Sweetspot

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



827D80



A8A7A8



7F7D82



545354



D4D4D4



545454

Same Dimension

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



827D80



A8A0A5



827D7E



403C3E



80004D



000000

Inverse Universe

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



827D80



A8A0A5



7D8282



403C3E



80004D



000000

Previews

White Background



This preview shows how the Hex color 827D80 looks on a white background.

Color Contrast Check

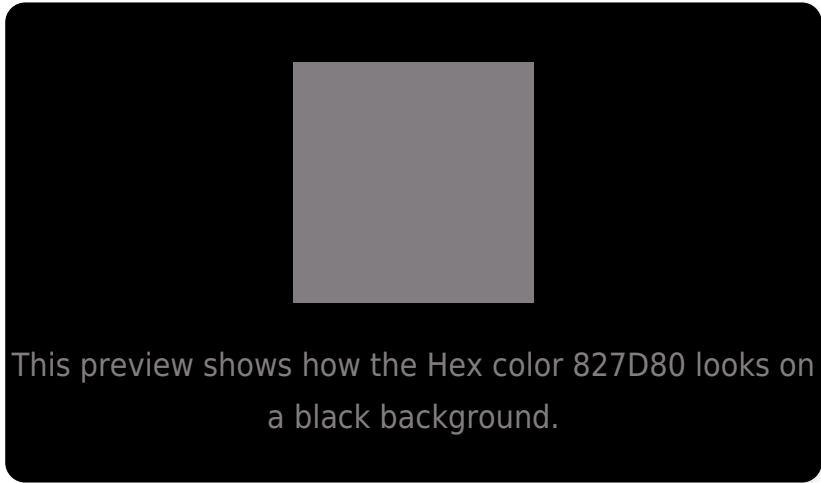
Large Text (above 18pt) WCAG AA ✓ Pass

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

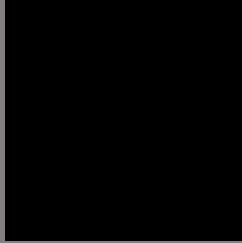
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

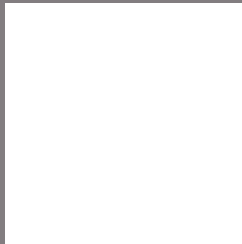
Any Text WCAG AAA × Fail

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

Hex 827D80 Background



This preview shows how black text looks on a background with the Hex color 827D80.



This preview shows how white text looks on a background with the Hex color 827D80.

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


827D80

Protanopia

807E80

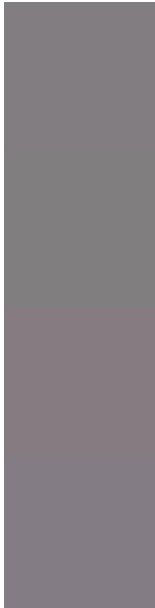
Deuteranopia

897A81



Tritanopia
837C86

Trichromacy



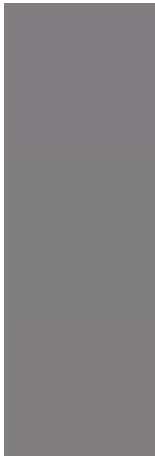
Original Color
827D80

Protanomaly
817E80

Deuteranomaly
867B81

Tritanomaly
837C84

Monochromacy



Original Color
827D80

Achromatopsia
7F7F7F

Achromatomaly
807E7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 827D80 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 #827D80 looks like.

```
.text, #text, p{  
    color:#827D80  
}
```

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 #827D80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #827D80
}
```

Border

The CSS property to change the border of an element to Hex 827D80 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".

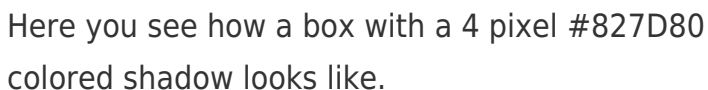
```
.border, #border, table{ border:4px solid
#827D80 }
```

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

```
.border{ border-color:#827D80 }
```

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

Here you see how a box with a 4 pixel #827D80 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #827D80; -webkit-box-shadow:4px 4px  
4px 4px #827D80; box-shadow:4px 4px 4px  
4px #827D80 }
```

Background

The CSS property to change the background color of an element to Hex 827D80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#827D80 }
```

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

```
.background{ background-color:#827D80 }
```

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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