

# Converting Colors

Hex(827A7D)

Have a look what the booklet for  
Hex(827A7D) contains.

<b>Hex(827A7D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(827A7D)

# Conversions

## Conversions Part 1

Format	Color
Hex	827A7D
RGB	130, 122, 125
RGB Percent	51%, 48%, 49%
CMY	0.4902, 0.5216, 0.5098
CMYK	0.00, 0.06, 0.04, 0.49
HSL	338°, 3%, 49%
HSV	338°, 6%, 51%
XYZ	19.8671, 20.1456, 22.2434
YIQ	124.7340, 3.8050, 2.6290

# Conversions

## Conversions Part 2

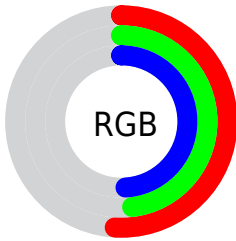
Format	Color
<a href="#">RYB</a>	<a href="#">130, 122, 125</a>
Decimal	<a href="#">8551037</a>
CIELab	<a href="#">52.00, 3.63, -0.55</a>
CIElCh	<a href="#">52, 3.667, 351.424</a>
Yxy	<a href="#">20.1456, 0.3191, 0.3236</a>
Android (android.graphics.Color)	<a href="#">4286741117 (0xFF827A7D)</a>
YUV	<a href="#">124.7340, 0.1311, 4.6183</a>
Hunter-Lab	<a href="#">44.8838, 0.4636, 2.0359</a>

# Details

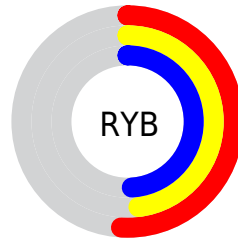
The Hex color **827A7D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7A827F**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **B7AEB2**, and **51494C** is the 20% darker color. If you saturate the color by 10%, you get **826D75**, and if you desaturate by 10%, it is **828785**.

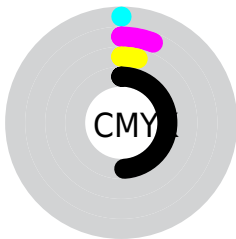
# Distribution



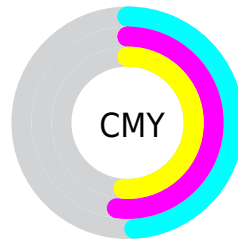
- Red (51%)
- Green (48%)
- Blue (49%)



- Red (51%)
- Yellow (48%)
- Blue (49%)



- Cyan (0%)
- Magenta (6%)
- Yellow (4%)
- Black (49%)



- Cyan (49%)
- Magenta (52%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 827A7D 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 827A7D by changing the saturation by 10% instead.





827A7D



827A7D

FFFFFF



696164



B7AEB2



51494C



D3CACD



3A3336



EFE6E9



241E20



0F0509



000000



827A7D



827A7D



826D75



828785



82606D



82948D

825365

82A195

82465C

82AE9E

823954

82BBA6

822C4C

82C8AE

821F44

82D5B6

82123C

82E2BE

820534

82EFC6

# Harmonies

## Analogous

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



7F7B80



827A7D



837A7A

# Triad

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



827A7D



7C7C76



757D81

# Complementary

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



827A7D



7A827F

# 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.



747E7E



827A7D



797D78

# Square

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



827A7D



807B76



767E7B



787D82

# Rectangle

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



827A7D



837A78



767E7B



757E80



# Sweetspot

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



827A7D



A8A5A6



7F7A82



545253



D4D4D4



545454



# Same Dimension

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



827A7D



A89DA1



827B7A



403B3D



800030



000000



# Inverse Universe

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



827A7D



A89DA1



7A8182



403B3D



800030



000000



# Previews

## White Background



This preview shows how the Hex color 827A7D looks on a white background.

## Color Contrast Check

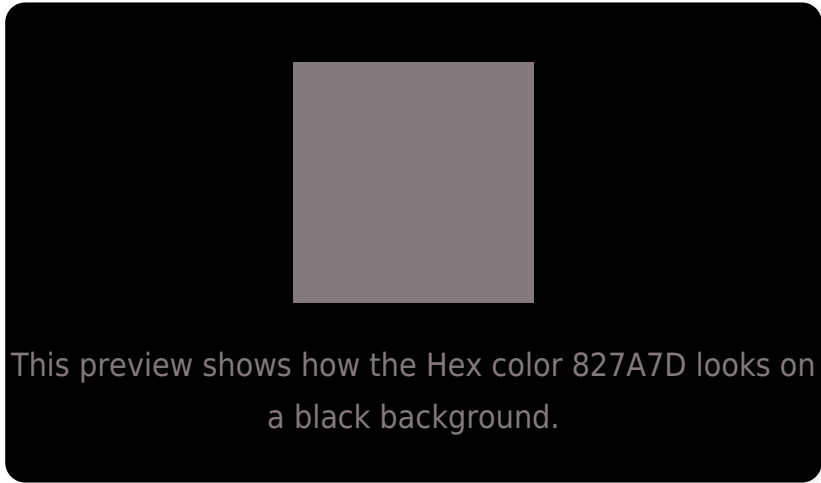
Large Text (above 18pt) WCAG AA ✓ Pass

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

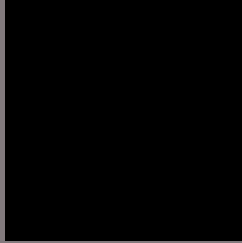
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 827A7D Background



This preview shows how black text looks on a background with the Hex color 827A7D.



This preview shows how white text looks on a background with the Hex color 827A7D.

# 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**

827A7D

**Protanopia**

7E7B7E

**Deuteranopia**

87787D



**Tritanopia**  
837983

# Trichromacy



**Original Color**

827A7D

**Protanomaly**

7F7B7E

**Deuteranomaly**

85797D

**Tritanomaly**

837981

# Monochromacy



**Original Color**

827A7D

**Achromatopsia**

7D7D7D

**Achromatomaly**

7F7C7D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 827A7D 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 #827A7D looks like.

```
.text, #text, p{  
    color:#827A7D  
}
```

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 #827A7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #827A7D
}
```

## Border

The CSS property to change the border of an element to Hex 827A7D is called "border". The border property can be set on classes, ids or directly on the HTML element.

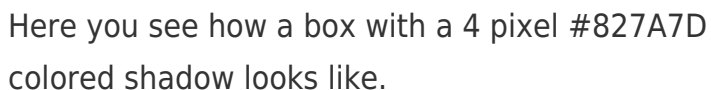
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#827A7D }
```

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

```
.border{ border-color:#827A7D }
```

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



Here you see how a box with a 4 pixel #827A7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #827A7D; -webkit-box-shadow:4px 4px  
4px 4px #827A7D; box-shadow:4px 4px 4px  
4px #827A7D }
```

# Background

The CSS property to change the background color of an element to Hex 827A7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#827A7D }
```

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

```
.background{ background-color:#827A7D }
```

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