

# Converting Colors

Hex(827A81)

Have a look what the booklet for  
Hex(827A81) contains.

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# Color

**Hex(827A81)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	827A81
RGB	130, 122, 129
RGB Percent	51%, 48%, 51%
CMY	0.4902, 0.5216, 0.4941
CMYK	0.00, 0.06, 0.01, 0.49
HSL	308°, 3%, 49%
HSV	308°, 6%, 51%
XYZ	20.1279, 20.2499, 23.6166
YIQ	125.1900, 2.5210, 3.8730

# Conversions

## Conversions Part 2

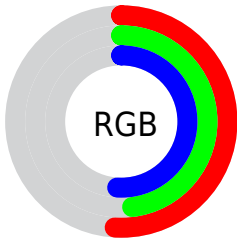
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 122, 129
Decimal	8551041
CIE Lab	52.12, 4.41, -2.72
CIE LCh	52, 5.184, 328.349
Yxy	20.2499, 0.3145, 0.3164
Android (android.graphics.Color)	4286741121 (0xFF827A81)
YUV	125.1900, 1.8783, 4.2184
Hunter-Lab	44.9999, 1.0912, 0.3836

# Details

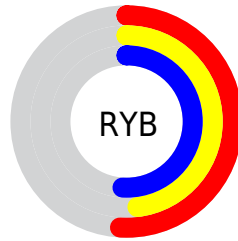
The Hex color **827A81** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7A827B**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **B7AEB6**, and **514950** is the 20% darker color. If you saturate the color by 10%, you get **826D7F**, and if you desaturate by 10%, it is **828783**.

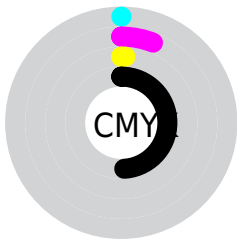
# Distribution



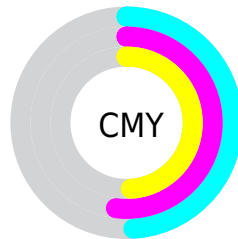
- Red (51%)
- Green (48%)
- Blue (51%)



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



- Cyan (0%)
- Magenta (6%)
- Yellow (1%)
- Black (49%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 827A81 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 827A81 by changing the saturation by 10% instead.





827A81



827A81

FFFFFF



696168



B7AEB6



514950



D3CAD1



3A3339



EFE6EE



241E24



0F050E



000000



827A81



827A81



826D7F



828783



82607E



829484

82537C

82A186

82467A

82AE88

823979

82BB89

822C77

82C88B

821F76

82D58C

821274

82E28E

820572

82EF90

# Harmonies

## Analogous

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



7D7B84



827A81



85797D

# Triad

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



827A81



807C73



727F80

# Complementary

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



827A81



7A827B

# 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.



737F7C



827A81



7B7D74

# Square

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



827A81



847A75



767E78



737E84

# Rectangle

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



827A81



86797A



767E78



727F7F



# Sweetspot

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



827A81



A8A5A8



7B7A82



545254



D4D4D4



545454



# Same Dimension

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



827A81



A89DA7



827A7D



403B3F



800070



000000



# Inverse Universe

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



827A81



A89DA7



7A827F



403B3F



800070



000000



# Previews

## White Background



This preview shows how the Hex color 827A81 looks on a white background.

## Color Contrast Check

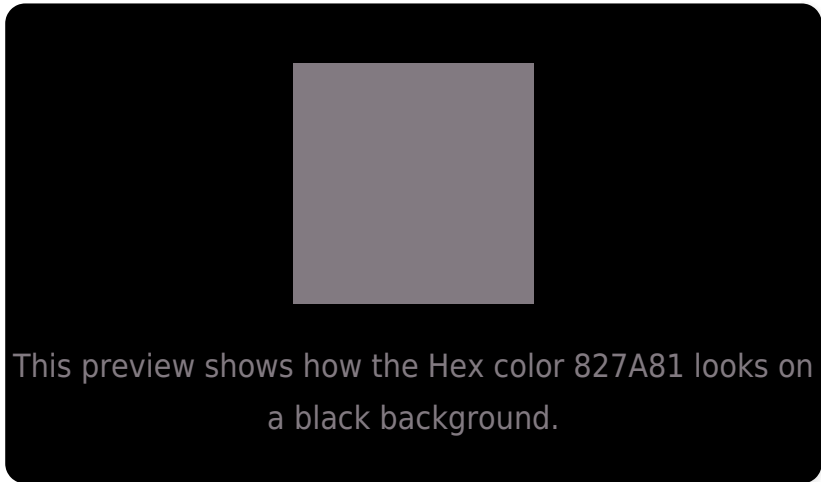
Large Text (above 18pt) WCAG AA ✓ Pass

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

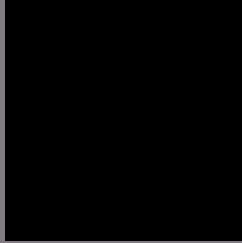
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 827A81 Background



This preview shows how black text looks on a background with the Hex color 827A81.



This preview shows how white text looks on a background with the Hex color 827A81.

# 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**  
827A81

**Protanopia**  
7D7C82

**Deuteranopia**  
867981



**Tritanopia**  
827A83

# Trichromacy



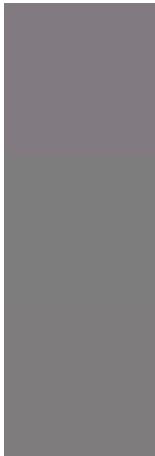
**Original Color**  
827A81

**Protanomaly**  
7F7B82

**Deuteranomaly**  
857981

**Tritanomaly**  
827A82

# Monochromacy



**Original Color**  
827A81

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
7F7C7E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 827A81 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 #827A81 looks like.

```
.text, #text, p{  
    color:#827A81  
}
```

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 #827A81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #827A81
}
```

## Border

The CSS property to change the border of an element to Hex 827A81 is called "border". The border property can be set on classes, ids or directly on the HTML element.

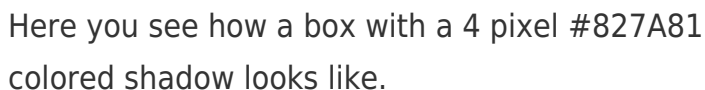
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#827A81 }
```

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

```
.border{ border-color:#827A81 }
```

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



Here you see how a box with a 4 pixel #827A81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #827A81; -webkit-box-shadow:4px 4px  
4px 4px #827A81; box-shadow:4px 4px 4px  
4px #827A81 }
```

# Background

The CSS property to change the background color of an element to Hex 827A81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#827A81 }
```

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

```
.background{ background-color:#827A81 }
```

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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