

Converting Colors

Hex(827A83)

Have a look what the booklet for
Hex(827A83) contains.

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Color

Hex(827A83)

Conversions

Conversions Part 1

Format	Color
Hex	827A83
RGB	130, 122, 131
RGB Percent	51%, 48%, 51%
CMY	0.4902, 0.5216, 0.4863
CMYK	0.01, 0.07, 0.00, 0.49
HSL	293°, 4%, 50%
HSV	293°, 7%, 51%
XYZ	20.2622, 20.3036, 24.3238
YIQ	125.4180, 1.8790, 4.4950

Conversions

Conversions Part 2

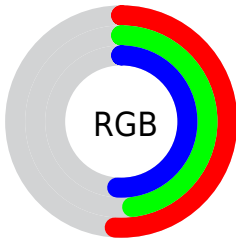
Format	Color
R_{YB}	130, 122, 131
Decimal	8551043
CIE _{Lab}	52.18, 4.82, -3.80
CIE _{LCh}	52, 6.137, 321.689
Yxy	20.3036, 0.3123, 0.3129
Android (android.graphics.Color)	4286741123 (0xFF827A83)
YUV	125.4180, 2.7519, 4.0184
Hunter-Lab	45.0595, 1.4131, -0.4640

Details

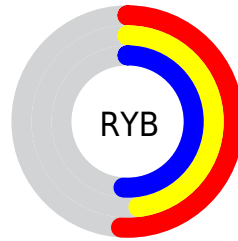
The Hex color **827A83** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7B837A**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **B7AEB8**, and **514952** is the 20% darker color. If you saturate the color by 10%, you get **816D83**, and if you desaturate by 10%, it is **838783**.

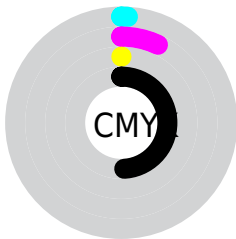
Distribution



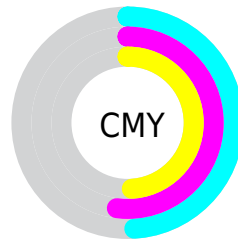
- Red (51%)
- Green (48%)
- Blue (51%)



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



- Cyan (1%)
- Magenta (7%)
- Yellow (0%)
- Black (49%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 827A83 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 827A83 by changing the saturation by 10% instead.



827A83



827A83

FFFFFF



69616A



B7AEB8



514952



D3CAD4



3A333B



EFE6F0



241E25



0F0510



000000



827A83



827A83



816D83



838783



7F6083



859483

7E5383

86A183

7C4683

88AE83

7B3983

89BB83

792B83

8BC983

781E83

8CD683

761183

8EE383

750483

8FF083

Harmonies

Analogous

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



7C7C86



827A83



86797E

Triad

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



827A83



827C72



708080

Complementary

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



827A83



7B837A

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.



72807B



827A83



7D7D73

Square

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



827A83



877A74



777F76



717F84

Rectangle

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



827A83



88797A



777F76



70807E

Sweetspot

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



827A83



AAA7AB



7A7B83



575557



D6D6D6



575757

Same Dimension

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



827A83



A99DAB



837A80



423C42



740082



020003

Inverse Universe

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



837A7B



AB9D9F



7A837D



423C3C



82000E



030000

Previews

White Background



This preview shows how the Hex color 827A83 looks on a white background.

Color Contrast Check

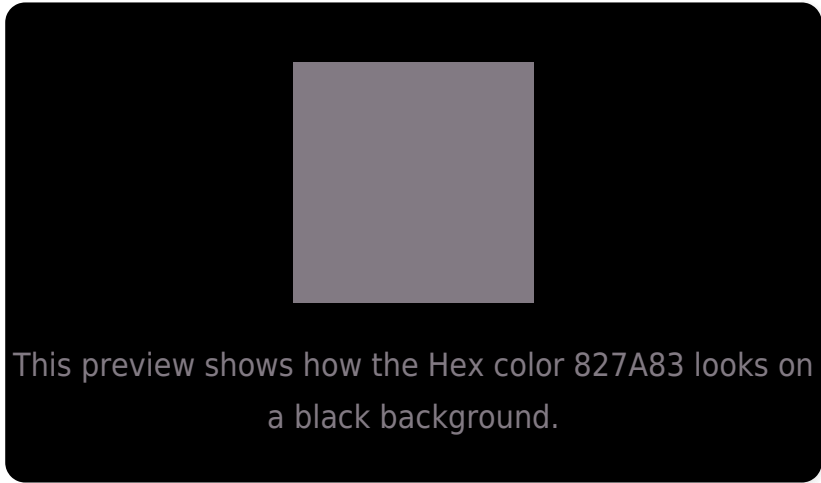
Large Text (above 18pt) WCAG AA ✓ Pass

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

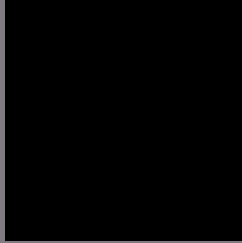
Any Text WCAG AA ✓ Pass

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 827A83 Background



This preview shows how black text looks on a background with the Hex color 827A83.

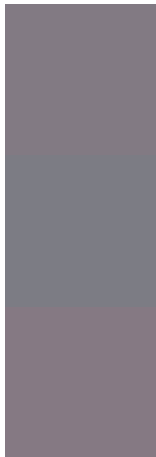


This preview shows how white text looks on a background with the Hex color 827A83.

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
827A83

Protanopia
7C7C84

Deuteranopia
857983



Tritanopia
827A84

Trichromacy



Original Color

827A83

Protanomaly

7E7B84

Deuteranomaly

847983

Tritanomaly

827A84

Monochromacy



Original Color

827A83

Achromatopsia

7D7D7D

Achromatomaly

7F7C7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 827A83 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 #827A83 looks like.

```
.text, #text, p{  
    color:#827A83  
}
```

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 #827A83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #827A83
}
```

Border

The CSS property to change the border of an element to Hex 827A83 is called "border". The border property can be set on classes, ids or directly on the HTML element.

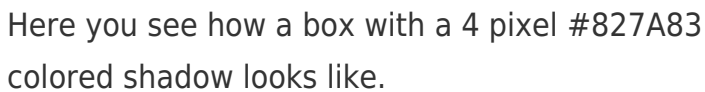
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#827A83 }
```

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

```
.border{ border-color:#827A83 }
```

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



Here you see how a box with a 4 pixel #827A83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #827A83; -webkit-box-shadow:4px 4px  
4px 4px #827A83; box-shadow:4px 4px 4px  
4px #827A83 }
```

Background

The CSS property to change the background color of an element to Hex 827A83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#827A83 }
```

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

```
.background{ background-color:#827A83 }
```

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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