

Converting Colors

Hex(827A70)

Have a look what the booklet for
Hex(827A70) contains.

Hex(827A70)	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(827A70)

Conversions

Conversions Part 1

Format	Color
Hex	827A70
RGB	130, 122, 112
RGB Percent	51%, 48%, 44%
CMY	0.4902, 0.5216, 0.5608
CMYK	0.00, 0.06, 0.14, 0.49
HSL	33°, 7%, 47%
HSV	33°, 14%, 51%
XYZ	19.0901, 19.8347, 18.1516
YIQ	123.2520, 7.9780, -1.4140

Conversions

Conversions Part 2

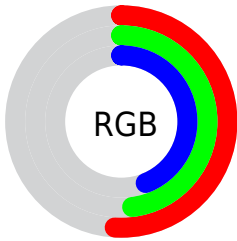
Format	Color
R_{YB}	126, 130, 112
Decimal	8551024
CIE Lab	51.65, 1.22, 6.56
CIE LCh	52, 6.677, 79.466
Yxy	19.8347, 0.3345, 0.3475
Android (android.graphics.Color)	4286741104 (0xFF827A70)
YUV	123.2520, -5.5472, 5.9180
Hunter-Lab	44.5362, -1.4258, 7.0106

Details

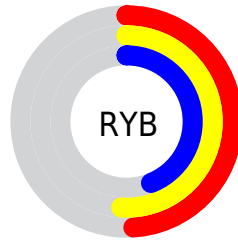
The Hex color **827A70** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **707882**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **B7AEA4**, and **514940** is the 20% darker color. If you saturate the color by 10%, you get **827463**, and if you desaturate by 10%, it is **82807D**.

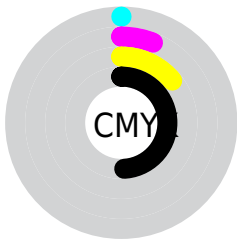
Distribution



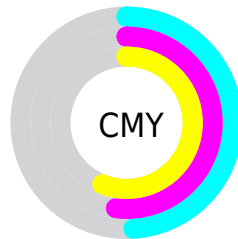
- Red (51%)
- Green (48%)
- Blue (44%)



- Red (49%)
- Yellow (51%)
- Blue (44%)



- Cyan (0%)
- Magenta (6%)
- Yellow (14%)
- Black (49%)



- Cyan (49%)
- Magenta (52%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 827A70 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 827A70 by changing the saturation by 10% instead.

 827A70

 827A70

FFFFFF

 696158

 B7AEA4

 514940

 D3CABF

 3A332A

 EFE6DB

 241E16

 FFFFF7

 0C0500

 000000

 827A70

 827A70

 827463

 82807D

 826E56

 82868A

826949

828B97

82633C

8291A4

825D2F

8297B1

825722

829DBE

825215

82A2CB

824C08

82A8D8

824800

82AEE5

Harmonies

Analogous

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



867873



827A70



7C7C70

Triad

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



827A70



6D7F7F



817983

Complementary

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



827A70



707882

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.



7A7A86



827A70



6E7E84

Square

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



827A70



707E79



737C86



86777D

Rectangle

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



827A70



777D72



737C86



7F7984

Sweetspot

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



827A70



A8A5A2



827078



545250



D4D4D4



545454

Same Dimension

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



827A70



A89C8C



818270



403D39



804700



000000

Inverse Universe

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



707882



8C98A8



717082



393C40



003980



000000

Previews

White Background



This preview shows how the Hex color 827A70 looks on a white background.

Color Contrast Check

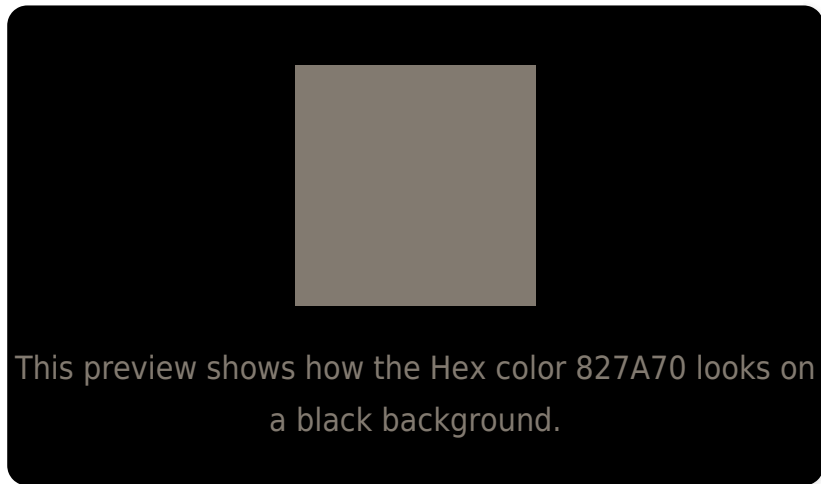
Large Text (above 18pt) WCAG AA ✓ Pass

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

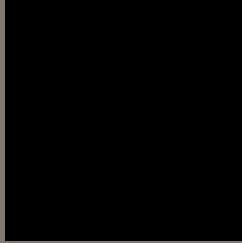
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

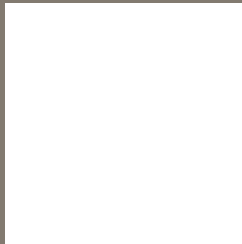
Any Text WCAG AAA × Fail

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

Hex 827A70 Background



This preview shows how black text looks on a background with the Hex color 827A70.



This preview shows how white text looks on a background with the Hex color 827A70.

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
827A70

Protanopia
807B70

Deuteranopia
8B7771



Tritanopia
847881

Trichromacy



Original Color
827A70

Protanomaly
817B70

Deuteranomaly
887871

Tritanomaly
83797B

Monochromacy



Original Color
827A70

Achromatopsia
7B7B7B

Achromatomaly
7E7B77

CSS Examples

Text

The CSS property to change the color of the text to Hex 827A70 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 #827A70 looks like.

```
.text, #text, p{  
    color:#827A70  
}
```

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 #827A70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #827A70
}
```

Border

The CSS property to change the border of an element to Hex 827A70 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
#827A70 }
```

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

```
.border{ border-color:#827A70 }
```

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

Here you see how a box with a 4 pixel #827A70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #827A70; -webkit-box-shadow:4px 4px  
4px 4px #827A70; box-shadow:4px 4px 4px  
4px #827A70 }
```

Background

The CSS property to change the background color of an element to Hex 827A70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#827A70 }
```

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

```
.background{ background-color:#827A70 }
```

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