

Converting Colors

Hex(827A69)

Have a look what the booklet for
Hex(827A69) contains.

| | |
|--|----|
| Hex(827A69) | 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(827A69)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 827A69 |
| RGB | 130, 122, 105 |
| RGB Percent | 51%, 48%, 41% |
| CMY | 0.4902, 0.5216, 0.5882 |
| CMYK | 0.00, 0.06, 0.19, 0.49 |
| HSL | 41°, 11%, 46% |
| HSV | 41°, 19%, 51% |
| XYZ | 18.7153, 19.6848, 16.1778 |
| YIQ | 122.4540, 10.2250, -3.5910 |

Conversions

Conversions Part 2

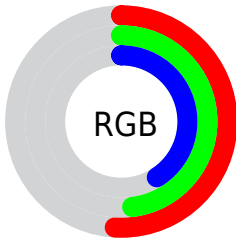
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 117, 130, 105 |
| Decimal | 8551017 |
| CIE _{Lab} | 51.48, 0.03, 10.41 |
| CIE _{LCh} | 51, 10.414, 89.845 |
| Yxy | 19.6848, 0.3429, 0.3607 |
| Android (android.graphics.Color) | 4286741097 (0xFF827A69) |
| YUV | 122.4540, -8.6048, 6.6178 |
| Hunter-Lab | 44.3676, -2.3479, 9.4384 |

Details

The Hex color **827A69** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **697182**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **B7AE9C**, and **50493A** is the 20% darker color. If you saturate the color by 10%, you get **82765C**, and if you desaturate by 10%, it is **827E76**.

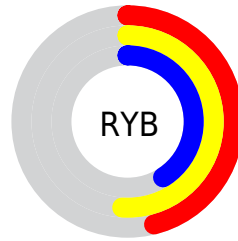
Distribution



Red (51%)

Green (48%)

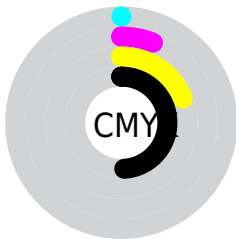
Blue (41%)



Red (46%)

Yellow (51%)

Blue (41%)

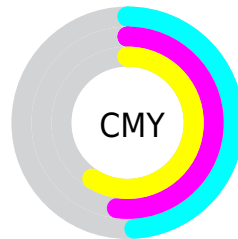


Cyan (0%)

Magenta (6%)

Yellow (19%)

Black (49%)



Cyan (49%)

Magenta (52%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 827A69 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 827A69 by changing the saturation by 10% instead.



827A69



827A69

FFFFFF



696151



B7AE9C



50493A



D3CAB7



393324



EFE6D3



241E0F



FFFFEF



080500



000000



827A69



827A69



82765C



827E76



82724F



828283

826E42

828690

826935

828B9D

826528

828FAA

82611B

8293B7

825D0E

8297C4

825901

829BD1

825800

829FDE

Harmonies

Analogous

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



8A776C



827A69



787D6B

Triad

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



827A69



648083



867684

Complementary

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



827A69



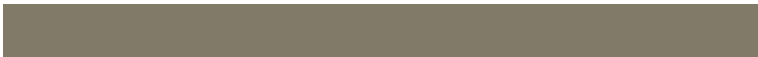
697182

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.



7C788A



827A69



687E8A

Square

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



827A69



66807A



717B8C



8C757B

Rectangle

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



827A69



717E6F



717B8C



837786

Sweetspot

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



827A69



A8A59E



826971



54524E



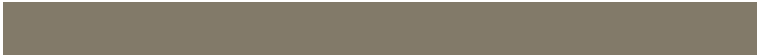
D4D4D4



545454

Same Dimension

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



827A69



A89C82



7E8269



403E39



805700



000000

Inverse Universe

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



697182



828EA8



6D6982



393B40



002980



000000

Previews

White Background



This preview shows how the Hex color 827A69 looks on a white background.

Color Contrast Check

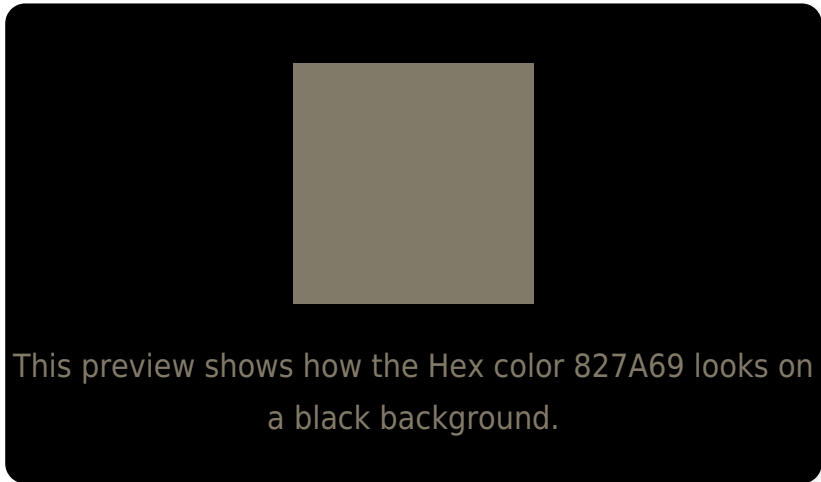
Large Text (above 18pt) WCAG AA ✓ Pass

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

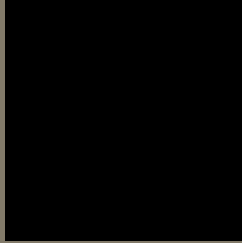
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

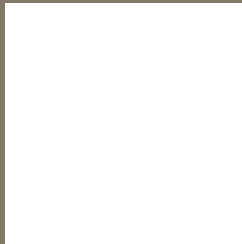
Any Text WCAG AAA × Fail

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

Hex 827A69 Background



This preview shows how black text looks on a background with the Hex color 827A69.



This preview shows how white text looks on a background with the Hex color 827A69.

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

827A69

Protanopia

817A69

Deuteranopia

8D766A



Tritanopia
857780

Trichromacy



Original Color
827A69

Protanomaly
817A69

Deuteranomaly
89776A

Tritanomaly
847878

Monochromacy



Original Color
827A69

Achromatopsia
7A7A7A

Achromatomaly
7D7A74

CSS Examples

Text

The CSS property to change the color of the text to Hex 827A69 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 #827A69 looks like.

```
.text, #text, p{  
    color:#827A69  
}
```

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 #827A69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #827A69
}
```

Border

The CSS property to change the border of an element to Hex 827A69 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
#827A69 }
```

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

```
.border{ border-color:#827A69 }
```

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

Here you see how a box with a 4 pixel #827A69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #827A69; -webkit-box-shadow:4px 4px  
4px 4px #827A69; box-shadow:4px 4px 4px  
4px #827A69 }
```

Background

The CSS property to change the background color of an element to Hex 827A69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#827A69 }
```

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

```
.background{ background-color:#827A69 }
```

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