

Converting Colors

Hex(827B5C)

Have a look what the booklet for
Hex(827B5C) contains.

Hex(827B5C)	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(827B5C)

Conversions

Conversions Part 1

Format	Color
Hex	827B5C
RGB	130, 123, 92
RGB Percent	51%, 48%, 36%
CMY	0.4902, 0.5176, 0.6392
CMYK	0.00, 0.05, 0.29, 0.49
HSL	49°, 17%, 44%
HSV	49°, 29%, 51%
XYZ	18.2206, 19.6845, 12.9644
YIQ	121.5590, 14.1230, -8.1570

Conversions

Conversions Part 2

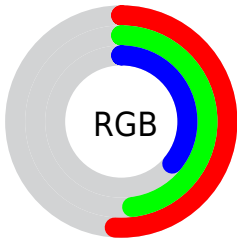
Format	Color
RYB	101, 130, 92
Decimal	8551260
CIELab	51.48, -2.56, 17.95
CIElCh	51, 18.131, 98.103
Yxy	19.6845, 0.3582, 0.3870
Android (android.graphics.Color)	4286741340 (0xFF827B5C)
YUV	121.5590, -14.5726, 7.4028
Hunter-Lab	44.3672, -4.3364, 13.7321

Details

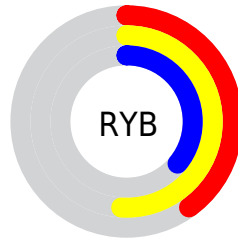
The Hex color **827B5C** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5C6382**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **B7AF8E**, and **504A2E** is the 20% darker color. If you saturate the color by 10%, you get **82794F**, and if you desaturate by 10%, it is **827D69**.

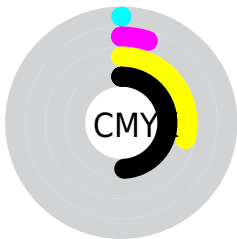
Distribution



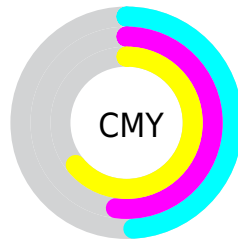
- Red (51%)
- Green (48%)
- Blue (36%)



- Red (40%)
- Yellow (51%)
- Blue (36%)



- Cyan (0%)
- Magenta (5%)
- Yellow (29%)
- Black (49%)



- Cyan (49%)
- Magenta (52%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 827B5C 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 827B5C by changing the saturation by 10% instead.

 827B5C

 827B5C

FFFFFF

 696244

 B7AF8E

 504A2E

 D3CBA9

 393419

 F0E7C4

 241F00

 FFFFE0

 020700

FFFFFFD

 000000

 827B5C

 827B5C

 82794F

 827D69

 827642

 828076

■ 827435

■ 828283

■ 827128

■ 828590

■ 826F1B

■ 82879D

■ 826D0E

■ 8289AA

■ 826A01

■ 828CB7

■ 826A00

■ 828EC4

■ 8291D1

Harmonies

Analogous

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



90765E



827B5C



718062

Triad

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



827B5C



4F828D



927187

Complementary

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



827B5C



5C6382

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.



837593



827B5C



5A7F97

Square

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



827B5C



52847E



6E7B99



9A7077

Rectangle

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



827B5C



65826A



6E7B99



8E728B

Sweetspot

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



827B5C



A8A699



825C64



54524B



D4D4D4



545454

Same Dimension

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



827B5C



A89D6D



77825C



403F39



806800



000000

Inverse Universe

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



5C6382



6D78A8



675C82



393B40



001780



000000

Previews

White Background



This preview shows how the Hex color 827B5C looks on a white background.

Color Contrast Check

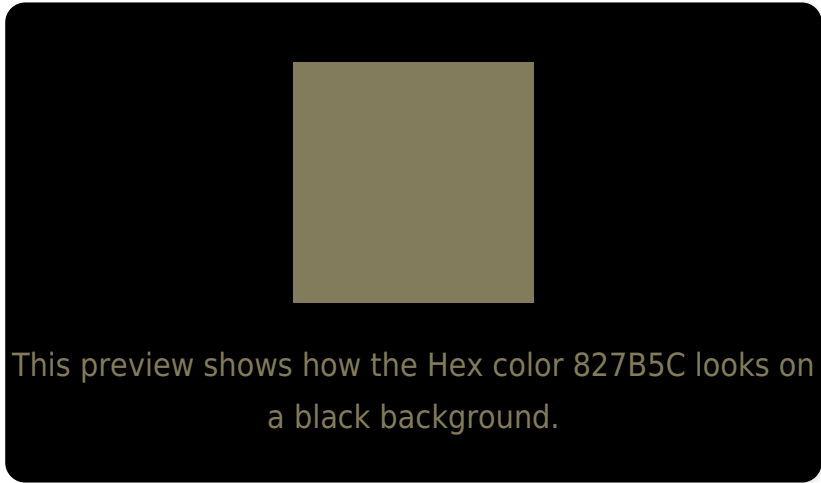
Large Text (above 18pt) WCAG AA ✓ Pass

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

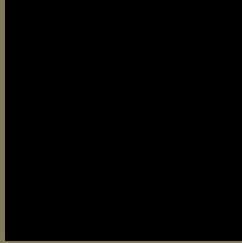
Any Text WCAG AA ✓ Pass

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 827B5C Background



This preview shows how black text looks on a background with the Hex color 827B5C.



This preview shows how white text looks on a background with the Hex color 827B5C.

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
827B5C

Protanopia
837B5C

Deuteranopia
90765D



Tritanopia
867680

Trichromacy



Original Color
827B5C

Protanomaly
837B5C

Deuteranomaly
8B785D

Tritanomaly
857873

Monochromacy



Original Color
827B5C

Achromatopsia
7A7A7A

Achromatomaly
7D7A6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 827B5C 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 #827B5C looks like.

```
.text, #text, p{  
    color:#827B5C  
}
```

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 #827B5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #827B5C
}
```

Border

The CSS property to change the border of an element to Hex 827B5C 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
#827B5C }
```

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

```
.border{ border-color:#827B5C }
```

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

Here you see how a box with a 4 pixel #827B5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #827B5C; -webkit-box-shadow:4px 4px  
4px 4px #827B5C; box-shadow:4px 4px 4px  
4px #827B5C }
```

Background

The CSS property to change the background color of an element to Hex 827B5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#827B5C }
```

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

```
.background{ background-color:#827B5C }
```

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