

Converting Colors

Hex(827C77)

Have a look what the booklet for
Hex(827C77) contains.

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Color

Hex(827C77)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 827C77 |
| RGB | 130, 124, 119 |
| RGB Percent | 51%, 49%, 47% |
| CMY | 0.4902, 0.5137, 0.5333 |
| CMYK | 0.00, 0.05, 0.08, 0.49 |
| HSL | 27°, 4%, 49% |
| HSV | 27°, 8%, 51% |
| XYZ | 19.7433, 20.4930, 20.3677 |
| YIQ | 125.2240, 5.1810, -0.2830 |

Conversions

Conversions Part 2

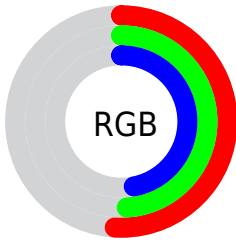
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 130, 128, 119 |
| Decimal | 8551543 |
| CIE Lab | 52.39, 1.33, 3.53 |
| CIE LCh | 52, 3.775, 69.331 |
| Yxy | 20.4930, 0.3258, 0.3381 |
| Android (android.graphics.Color) | 4286741623 (0xFF827C77) |
| YUV | 125.2240, -3.0684, 4.1886 |
| Hunter-Lab | 45.2692, -1.3717, 5.0125 |

Details

The Hex color **827C77** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **777D82**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **B7B0AB**, and **514B47** is the 20% darker color. If you saturate the color by 10%, you get **82756A**, and if you desaturate by 10%, it is **828384**.

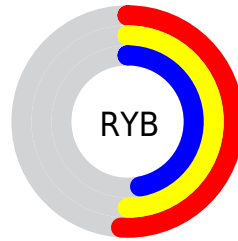
Distribution



Red (51%)

Green (49%)

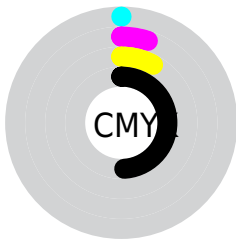
Blue (47%)



Red (51%)

Yellow (50%)

Blue (47%)

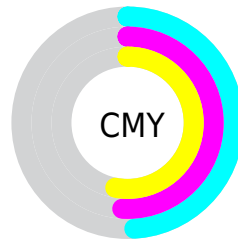


Cyan (0%)

Magenta (5%)

Yellow (8%)

Black (49%)



Cyan (49%)

Magenta (51%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 827C77 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 827C77 by changing the saturation by 10% instead.



827C77



827C77

FFFFFF



69635E



B7B0AB



514B47



D3CCC6



3A3530



EFE8E2



24201C



0F0700



000000



827C77



827C77



82756A



828384



826E5D



828A91

■ 826750

■ 82919E

■ 826043

■ 8298AB

■ 825936

■ 829FB8

■ 825129

■ 82A7C5

■ 824A1C

■ 82AED2

■ 82430F

■ 82B5DF

■ 823C02

■ 82BCEC

Harmonies

Analogous

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



847B79



827C77



7F7D77

Triad

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



827C77



767F7E



7F7C82

Complementary

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



827C77



777D82

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.



7B7D83



827C77



757F81

Square

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



827C77



787F7B



777E83



827B7F

Rectangle

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



827C77



7C7E77



777E83



7E7C83

Sweetspot

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



827C77



A8A6A3



82777D



545251



D4D4D4



545454

Same Dimension

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



827C77



A89F97



828177



403C39



803A00



000000

Inverse Universe

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



777D82



97A1A8



777882



393D40



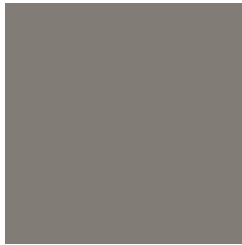
004680



000000

Previews

White Background



This preview shows how the Hex color 827C77 looks on a white background.

Color Contrast Check

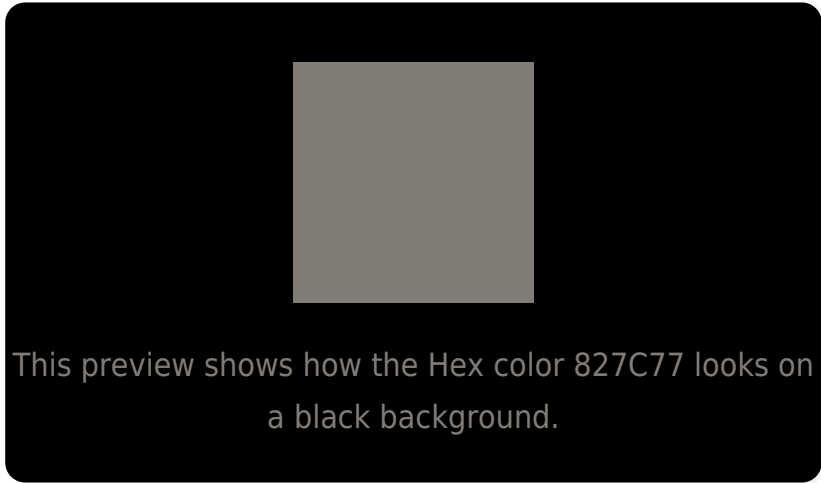
Large Text (above 18pt) WCAG AA ✓ Pass

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

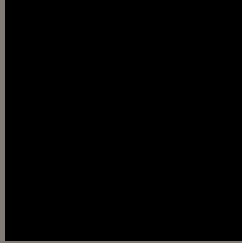
Any Text WCAG AA ✓ Pass

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 827C77 Background



This preview shows how black text looks on a background with the Hex color 827C77.



This preview shows how white text looks on a background with the Hex color 827C77.

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

827C77

Protanopia

817C77

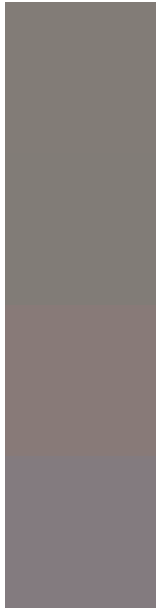
Deuteranopia

8B7978



Tritanopia
847A84

Trichromacy



Original Color
827C77

Protanomaly
817C77

Deuteranomaly
887A78

Tritanomaly
837B7F

Monochromacy



Original Color
827C77

Achromatopsia
7D7D7D

Achromatomaly
7F7D7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 827C77 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 #827C77 looks like.

```
.text, #text, p{  
    color:#827C77  
}
```

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 #827C77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #827C77
}
```

Border

The CSS property to change the border of an element to Hex 827C77 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
#827C77 }
```

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

```
.border{ border-color:#827C77 }
```

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

Here you see how a box with a 4 pixel #827C77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #827C77; -webkit-box-shadow:4px 4px  
4px 4px #827C77; box-shadow:4px 4px 4px  
4px #827C77 }
```

Background

The CSS property to change the background color of an element to Hex 827C77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#827C77 }
```

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

```
.background{ background-color:#827C77 }
```

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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