

Converting Colors

Hex(827B51)

Have a look what the booklet for
Hex(827B51) contains.

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Color

Hex(827B51)

Conversions

Conversions Part 1

Format	Color
Hex	827B51
RGB	130, 123, 81
RGB Percent	51%, 48%, 32%
CMY	0.4902, 0.5176, 0.6824
CMYK	0.00, 0.05, 0.38, 0.49
HSL	51°, 23%, 41%
HSV	51°, 38%, 51%
XYZ	17.7741, 19.5058, 10.6128
YIQ	120.3050, 17.6540, -11.5780

Conversions

Conversions Part 2

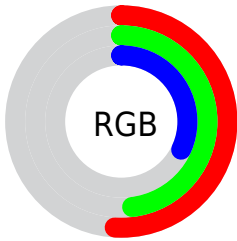
Format	Color
RYB	89, 130, 81
Decimal	8551249
CIELab	51.27, -4.05, 23.95
CIELCh	51, 24.287, 99.594
Yxy	19.5058, 0.3711, 0.4073
Android (android.graphics.Color)	4286741329 (0xFF827B51)
YUV	120.3050, -19.3774, 8.5025
Hunter-Lab	44.1654, -5.4533, 16.6686

Details

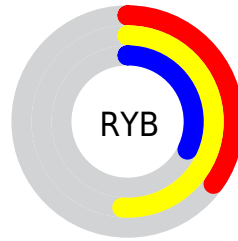
The Hex color **827B51** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **515882**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **B8AF83**, and **504A23** is the 20% darker color. If you saturate the color by 10%, you get **827944**, and if you desaturate by 10%, it is **827D5E**.

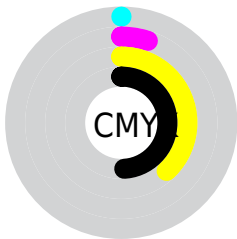
Distribution



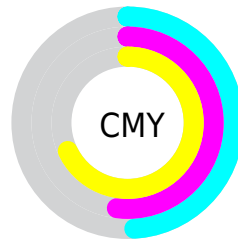
- Red (51%)
- Green (48%)
- Blue (32%)



- Red (35%)
- Yellow (51%)
- Blue (32%)



- Cyan (0%)
- Magenta (5%)
- Yellow (38%)
- Black (49%)



- Cyan (49%)
- Magenta (52%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 827B51 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 827B51 by changing the saturation by 10% instead.

 827B51

 827B51

FFFFFF

 68623A

 B8AF83

 504A23

 D4CB9D

 38340E

 F0E7B8

 221F00

 FFFFD4

 000800

 FFFFF0

 000000

 827B51

 827B51

 827944

 827D5E

 827737

 827F6B

■ 82752A

■ 828178

■ 82741D

■ 828285

■ 827210

■ 828492

■ 827003

■ 82869F

■ 826F00

■ 8288AC

■ 828AB9

■ 828CC6

Harmonies

Analogous

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



957454



827B51



6B815A

Triad

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



827B51



378494



9A6C89

Complementary

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



827B51



515882

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.



86729A



827B51



4A80A0

Square

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



827B51



3D8680



697AA3



A36B74

Rectangle

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



827B51



5B8365



697AA3



946E8F

Sweetspot

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



827B51



A8A696



825158



545349



D4D4D4



545454

Same Dimension

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



827B51



A89D5D



718251



403F39



806D00



000000

Inverse Universe

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



515882



5D67A8



625182



393A40



001280



000000

Previews

White Background



This preview shows how the Hex color 827B51 looks on a white background.

Color Contrast Check

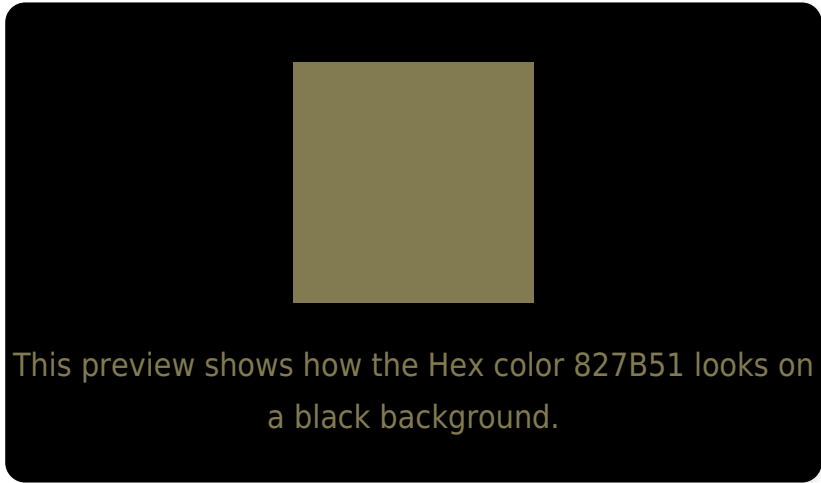
Large Text (above 18pt) WCAG AA ✓ Pass

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

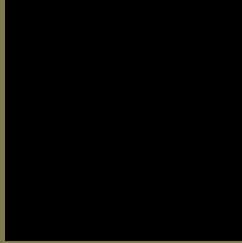
Any Text WCAG AA ✓ Pass

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 827B51 Background



This preview shows how black text looks on a background with the Hex color 827B51.



This preview shows how white text looks on a background with the Hex color 827B51.

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
827B51

Protanopia
857A51

Deuteranopia
927552



Tritanopia
87757F

Trichromacy



Original Color
827B51

Protanomaly
847A51

Deuteranomaly
8C7752

Tritanomaly
85776E

Monochromacy



Original Color
827B51

Achromatopsia
787878

Achromatomaly
7C796A

CSS Examples

Text

The CSS property to change the color of the text to Hex 827B51 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 #827B51 looks like.

```
.text, #text, p{  
    color:#827B51  
}
```

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 #827B51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #827B51
}
```

Border

The CSS property to change the border of an element to Hex 827B51 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
#827B51 }
```

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

```
.border{ border-color:#827B51 }
```

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

Here you see how a box with a 4 pixel #827B51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #827B51; -webkit-box-shadow:4px 4px  
4px 4px #827B51; box-shadow:4px 4px 4px  
4px #827B51 }
```

Background

The CSS property to change the background color of an element to Hex 827B51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#827B51 }
```

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

```
.background{ background-color:#827B51 }
```

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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