

# Converting Colors

Hex(827B46)

Have a look what the booklet for  
Hex(827B46) contains.

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**Color**

**Hex(827B46)**

# Conversions

## Conversions Part 1

Format	Color
Hex	827B46
RGB	130, 123, 70
RGB Percent	51%, 48%, 27%
CMY	0.4902, 0.5176, 0.7255
CMYK	0.00, 0.05, 0.46, 0.49
HSL	53°, 30%, 39%
HSV	53°, 46%, 51%
XYZ	17.3944, 19.3539, 8.6133
YIQ	119.0510, 21.1850, -14.9990

# Conversions

## Conversions Part 2

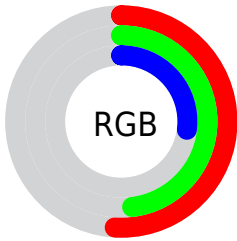
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 130, 70
Decimal	8551238
CIELab	51.10, -5.34, 29.83
CIELCh	51, 30.307, 100.156
Yxy	19.3539, 0.3835, 0.4267
Android (android.graphics.Color)	4286741318 (0xFF827B46)
YUV	119.0510, -24.1821, 9.6023
Hunter-Lab	43.9931, -6.4111, 19.1870

# Details

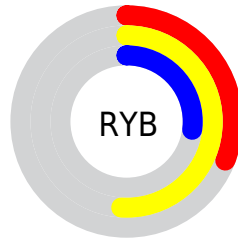
The Hex color **827B46** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **464D82**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **B8AF77**, and **4F4B18** is the 20% darker color. If you saturate the color by 10%, you get **827939**, and if you desaturate by 10%, it is **827D53**.

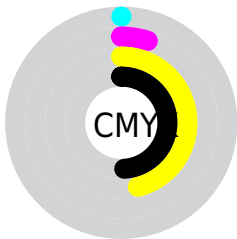
# Distribution



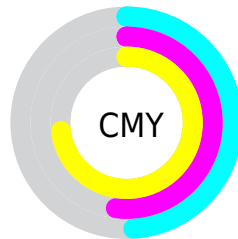
- Red (51%)
- Green (48%)
- Blue (27%)



- Red (31%)
- Yellow (51%)
- Blue (27%)



- Cyan (0%)
- Magenta (5%)
- Yellow (46%)
- Black (49%)



- Cyan (49%)
- Magenta (52%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 827B46 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 827B46 by changing the saturation by 10% instead.



 827B46

 827B46

FFFFFF

 68622F

 B8AF77

 4F4B18

 D4CB91

 373400

 F1E7AC

 201F00

 FFFFC8

 000800

 FFFFE4

 000000

 827B46

 827B46

 827939

 827D53

 82782C

 827E60

■ 82761F

■ 82806D

■ 827512

■ 82817A

■ 827305

■ 828387

■ 827300

■ 828494

■ 8286A1

■ 8287AE

■ 8289BB

# Harmonies

## Analogous

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



997249



827B46



668251

# Triad

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



827B46



00869A



A1688C

# Complementary

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



827B46



464D82

# 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.



8870A1



827B46



3481AA

# Square

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



827B46



1D8882



6279AC



AC6572

# Rectangle

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



827B46



51855F



6279AC



9A6A94



# Sweetspot

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



827B46



A8A691



82464D



545246



D4D4D4



545454



# Same Dimension

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



827B46



A89E4C



6B8246



403F39



807100



000000



# Inverse Universe

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



464D82



4C57A8



5D4682



393A40



000F80



000000



# Previews

## White Background



This preview shows how the Hex color 827B46 looks on a white background.

## Color Contrast Check

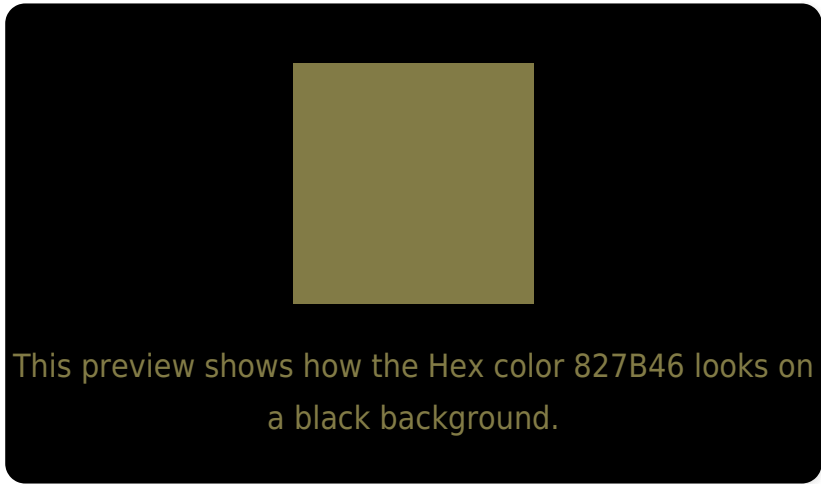
Large Text (above 18pt) WCAG AA ✓ Pass

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

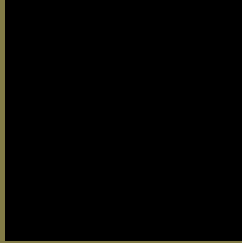
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 827B46 Background



This preview shows how black text looks on a background with the Hex color 827B46.



This preview shows how white text looks on a background with the Hex color 827B46.

# 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**  
827B46

**Protanopia**  
867A46

**Deuteranopia**  
947448



**Tritanopia**  
88757E

# Trichromacy



**Original Color**  
827B46

**Protanomaly**  
857A46

**Deuteranomaly**  
8D7747

**Tritanomaly**  
86776A

# Monochromacy



**Original Color**  
827B46

**Achromatopsia**  
777777

**Achromatomaly**  
7B7865

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 827B46 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 #827B46 looks like.

```
.text, #text, p{  
    color:#827B46  
}
```

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 #827B46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #827B46
}
```

## Border

The CSS property to change the border of an element to Hex 827B46 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
#827B46 }
```

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

```
.border{ border-color:#827B46 }
```

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

Here you see how a box with a 4 pixel #827B46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #827B46; -webkit-box-shadow:4px 4px  
4px 4px #827B46; box-shadow:4px 4px 4px  
4px #827B46 }
```

# Background

The CSS property to change the background color of an element to Hex 827B46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#827B46 }
```

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

```
.background{ background-color:#827B46 }
```

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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