

# Converting Colors

Hex(827A39)

Have a look what the booklet for  
Hex(827A39) contains.

<b>Hex(827A39)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(827A39)**

# Conversions

## Conversions Part 1

Format	Color
Hex	827A39
RGB	130, 122, 57
RGB Percent	51%, 48%, 22%
CMY	0.4902, 0.5216, 0.7765
CMYK	0.00, 0.06, 0.56, 0.49
HSL	53°, 39%, 37%
HSV	53°, 56%, 51%
XYZ	16.9040, 18.9603, 6.6397
YIQ	116.9820, 25.6330, -18.5190

# Conversions

## Conversions Part 2

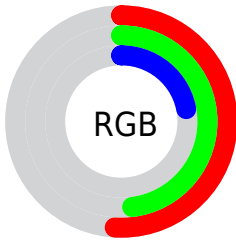
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 130, 57
Decimal	8550969
CIELab	50.64, -6.06, 36.18
CIELCh	51, 36.681, 99.514
Yxy	18.9603, 0.3977, 0.4461
Android (android.graphics.Color)	4286741049 (0xFF827A39)
YUV	116.9820, -29.5711, 11.4168
Hunter-Lab	43.5434, -6.9056, 21.4396

# Details

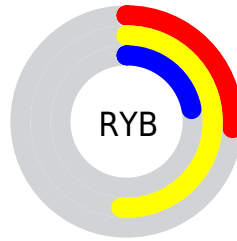
The Hex color **827A39** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **394182**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **B9AE6A**, and **4E4A08** is the 20% darker color. If you saturate the color by 10%, you get **82792C**, and if you desaturate by 10%, it is **827B46**.

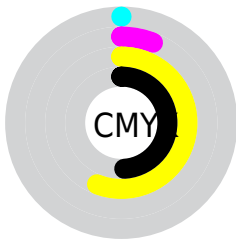
# Distribution



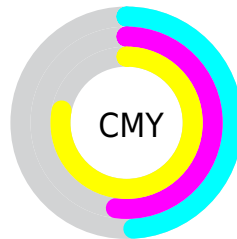
- Red (51%)
- Green (48%)
- Blue (22%)



- Red (26%)
- Yellow (51%)
- Blue (22%)



- Cyan (0%)
- Magenta (6%)
- Yellow (56%)
- Black (49%)



- Cyan (49%)
- Magenta (52%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 827A39 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 827A39 by changing the saturation by 10% instead.





827A39



827A39

FFFFFF



686121



B9AE6A



4E4A08



D5CA84



373300



F2E69F



1E1E00



FFFFBA



000400



FFFFD6



000000



FFFFFF2



827A39



827A39



82792C



827B46

■ 82771F

■ 827D53

■ 827612

■ 827E60

■ 827405

■ 82806D

■ 827400

■ 82817A

■ 828387

■ 828494

■ 8285A1

■ 8287AE

# Harmonies

## Analogous

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



9D6F3E



827A39



608247

# Triad

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



827A39



00879F



A7628F

# Complementary

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



827A39



394182

# 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.



886DA9



827A39



0082B3

# Square

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



827A39



008982



5778B6



B45F70

# Rectangle

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



827A39



458658



5778B6



9F6599



# Sweetspot

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



827A39



A8A58C



823942



545243



D4D4D4



545454



# Same Dimension

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



827A39



A89C38



668239



403F39



807200



000000



# Inverse Universe

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



394182



3844A8



553982



393A40



000E80



000000



# Previews

## White Background



This preview shows how the Hex color 827A39 looks on a white background.

## Color Contrast Check

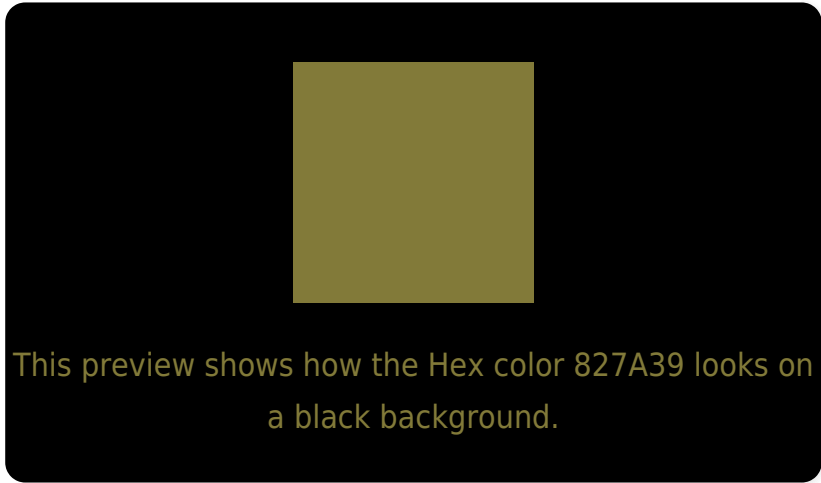
Large Text (above 18pt) WCAG AA ✓ Pass

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

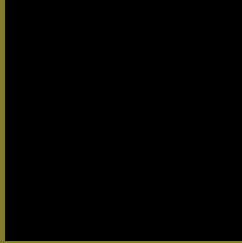
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 827A39 Background



This preview shows how black text looks on a background with the Hex color 827A39.



This preview shows how white text looks on a background with the Hex color 827A39.

# 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**  
827A39

**Protanopia**  
867939

**Deuteranopia**  
95733B



**Tritanopia**  
88737C

# Trichromacy



**Original Color**  
827A39

**Protanomaly**  
857939

**Deuteranomaly**  
8E763A

**Tritanomaly**  
867664

# Monochromacy



**Original Color**  
827A39

**Achromatopsia**  
757575

**Achromatomaly**  
7A775F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 827A39 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 #827A39 looks like.

```
.text, #text, p{  
    color:#827A39  
}
```

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 #827A39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #827A39
}
```

## Border

The CSS property to change the border of an element to Hex 827A39 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
#827A39 }
```

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

```
.border{ border-color:#827A39 }
```

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

Here you see how a box with a 4 pixel #827A39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #827A39; -webkit-box-shadow:4px 4px  
4px 4px #827A39; box-shadow:4px 4px 4px  
4px #827A39 }
```

# Background

The CSS property to change the background color of an element to Hex 827A39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#827A39 }
```

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

```
.background{ background-color:#827A39 }
```

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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