

# Converting Colors

Hex(814E42)

Have a look what the booklet for  
Hex(814E42) contains.

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# Color

**Hex(814E42)**

# Conversions

## Conversions Part 1

Format	Color
Hex	814E42
RGB	129, 78, 66
RGB Percent	51%, 31%, 26%
CMY	0.4941, 0.6941, 0.7412
CMYK	0.00, 0.40, 0.49, 0.49
HSL	11°, 32%, 38%
HSV	11°, 49%, 51%
XYZ	12.7610, 10.5093, 6.5102
YIQ	91.8810, 34.2480, 7.0800

# Conversions

## Conversions Part 2

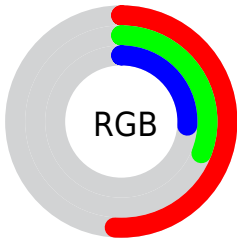
<b>Format</b>	<b>Color</b>
<b>RYB</b>	129, 81, 66
Decimal	8474178
CIELab	38.74, 20.07, 16.18
CIElCh	39, 25.779, 38.863
Yxy	10.5093, 0.4285, 0.3529
Android (android.graphics.Color)	4286664258 (0xFF814E42)
YUV	91.8810, -12.7593, 32.5534
Hunter-Lab	32.4180, 13.5333, 10.7860

# Details

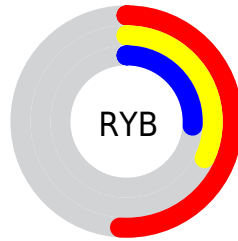
The Hex color **814E42** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **427581**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **B88072**, and **4D2017** is the 20% darker color. If you saturate the color by 10%, you get **814435**, and if you desaturate by 10%, it is **81584F**.

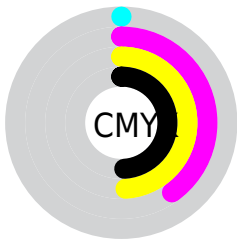
# Distribution



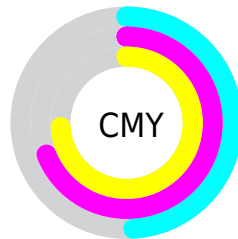
- Red (51%)
- Green (31%)
- Blue (26%)



- Red (51%)
- Yellow (32%)
- Blue (26%)



- Cyan (0%)
- Magenta (40%)
- Yellow (49%)
- Black (49%)



- Cyan (49%)
- Magenta (69%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 814E42 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 814E42 by changing the saturation by 10% instead.





814E42



814E42

FFFFFF



67372C



B88072



4D2017



D49A8C



350B00



F2B5A6



1C0001



FFD0C1



000000



FFEDDD



FFFFFFA



814E42



814E42



814435



81584F

■ 813928

■ 81635C

■ 812F1B

■ 816D69

■ 81240E

■ 817876

■ 811A02

■ 818283

■ 811900

■ 818D8F

■ 81979C

■ 81A2A9

■ 81ACB6

# Harmonies

## Analogous

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



834B56



814E42



755534

# Triad

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



814E42



31654B



465B84

# Complementary

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



814E42



427581

# 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.



1E6182



814E42



0C6661

# Square

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



814E42



4C623A



006575



66537C

# Rectangle

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



814E42



695A31



006575



3A5E85



# Sweetspot

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



814E42



A8948F



814275



544845



D4D4D4



545454



# Same Dimension

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



814E42



A85845



816D42



403B39



801800



000000



# Inverse Universe

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



427581



4595A8



425681



393F40



006780



000000



# Previews

## White Background



This preview shows how the Hex color 814E42 looks on a white background.

## Color Contrast Check

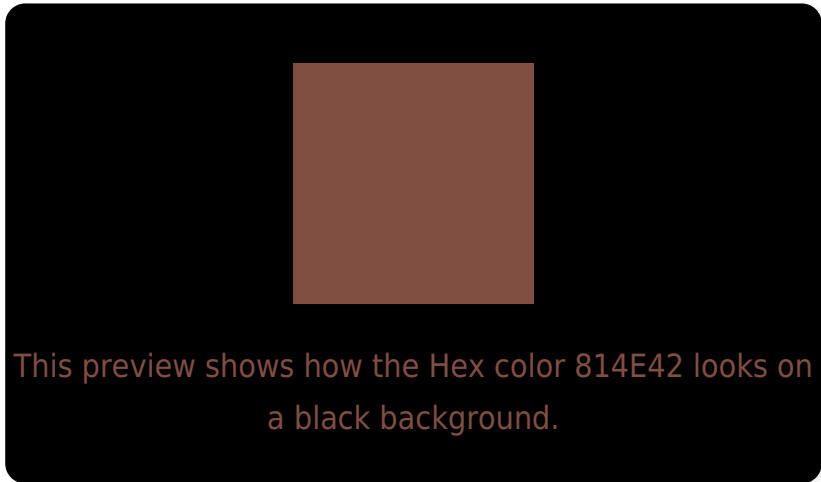
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 814E42 Background



This preview shows how black text looks on a background with the Hex color 814E42.

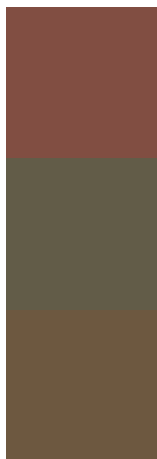


This preview shows how white text looks on a background with the Hex color 814E42.

# 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**  
814E42

**Protanopia**  
625C48

**Deuteranopia**  
6D5840



**Tritanopia**  
824C51

# Trichromacy



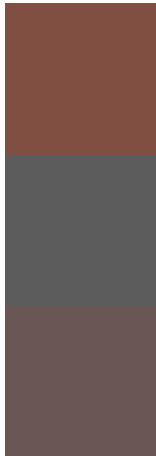
**Original Color**  
814E42

**Protanomaly**  
6D5746

**Deuteranomaly**  
745441

**Tritanomaly**  
824D4C

# Monochromacy



**Original Color**  
814E42

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
695753

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 814E42 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 #814E42 looks like.

```
.text, #text, p{  
    color:#814E42  
}
```

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 #814E42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #814E42
}
```

## Border

The CSS property to change the border of an element to Hex 814E42 is called "border". The border property can be set on classes, ids or directly on the HTML element.

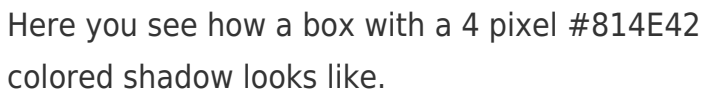
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#814E42 }
```

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

```
.border{ border-color:#814E42 }
```

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



Here you see how a box with a 4 pixel #814E42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #814E42; -webkit-box-shadow:4px 4px  
4px 4px #814E42; box-shadow:4px 4px 4px  
4px #814E42 }
```

# Background

The CSS property to change the background color of an element to Hex 814E42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#814E42 }
```

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

```
.background{ background-color:#814E42 }
```

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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