

# Converting Colors

Hex(814B3B)

Have a look what the booklet for  
Hex(814B3B) contains.

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**Color**

**Hex(814B3B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	814B3B
RGB	129, 75, 59
RGB Percent	51%, 29%, 23%
CMY	0.4941, 0.7059, 0.7686
CMYK	0.00, 0.42, 0.54, 0.49
HSL	14°, 37%, 37%
HSV	14°, 54%, 51%
XYZ	12.3588, 10.0150, 5.4194
YIQ	89.3220, 37.3200, 6.4720

# Conversions

## Conversions Part 2

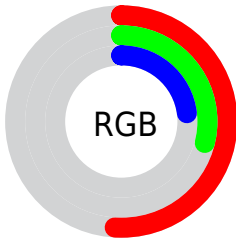
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	129, 80, 59
Decimal	8473403
CIE Lab	37.87, 21.11, 19.31
CIE LCh	38, 28.611, 42.447
Yxy	10.0150, 0.4447, 0.3603
Android (android.graphics.Color)	4286663483 (0xFF814B3B)
YUV	89.3220, -14.9487, 34.7976
Hunter-Lab	31.6466, 14.3271, 11.9993

# Details

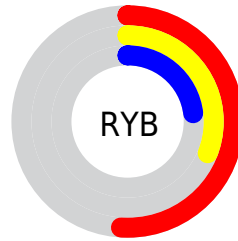
The Hex color **814B3B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3B7181**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **B87C6A**, and **4C1E11** is the 20% darker color. If you saturate the color by 10%, you get **81412E**, and if you desaturate by 10%, it is **815548**.

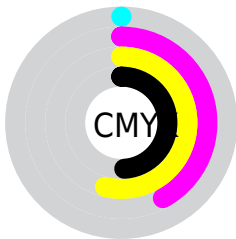
# Distribution



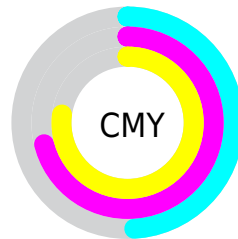
- Red (51%)
- Green (29%)
- Blue (23%)



- Red (51%)
- Yellow (31%)
- Blue (23%)



- Cyan (0%)
- Magenta (42%)
- Yellow (54%)
- Black (49%)



- Cyan (49%)
- Magenta (71%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 814B3B 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 814B3B by changing the saturation by 10% instead.



 814B3B

 814B3B

FFFFFF

 663425

 B87C6A

 4C1E11

 D59784

 330800

 F2B19E

 190001

 FFCDB9

 000000


 FFE9D4

 FFFFF1

 814B3B

 814B3B

 81412E

 815548

■ 813721

■ 815F55

■ 812D14

■ 816962

■ 812307

■ 81736F

■ 811D00

■ 817D7C

■ 818788

■ 819195

■ 819BA2

■ 81A5AF

# Harmonies

## Analogous

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



854650



814B3B



73532D

# Triad

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



814B3B



24644A



455886

# Complementary

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



814B3B



3B7181

# 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.



0C5F85



814B3B



006562

# Square

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



814B3B



456136



006478



684F7B

# Rectangle

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



814B3B



66582A



006478



375B87



# Sweetspot

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



814B3B



A8948D



813B72



544844



D4D4D4



545454



# Same Dimension

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



814B3B



A8543B



816D3B



403B39



801D00



000000



# Inverse Universe

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



3B7181



3B8FA8



3B4F81



393E40



006280



000000



# Previews

## White Background



This preview shows how the Hex color 814B3B looks on a white background.

## Color Contrast Check

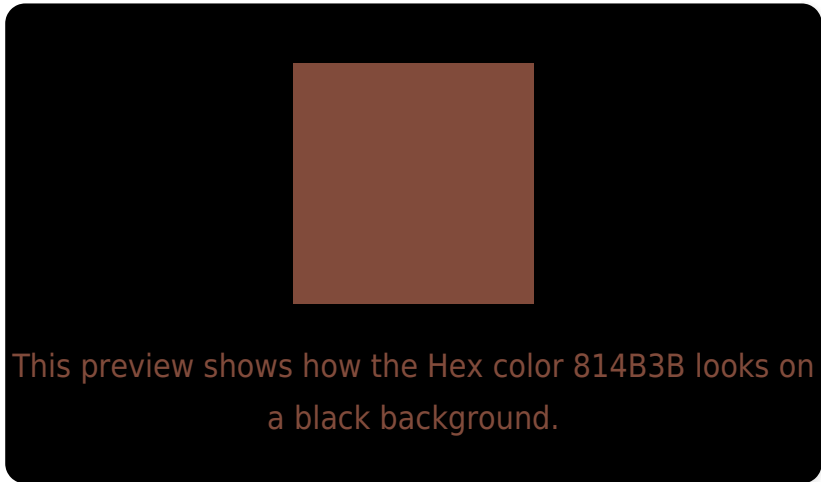
Large Text (above 18pt) WCAG AA ✓ Pass

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 814B3B Background



This preview shows how black text looks on a background with the Hex color 814B3B.

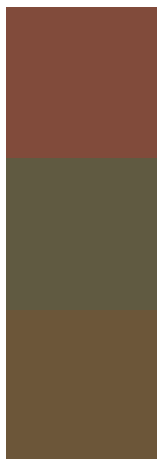


This preview shows how white text looks on a background with the Hex color 814B3B.

# 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**  
814B3B

**Protanopia**  
605A41

**Deuteranopia**  
6C5639



**Tritanopia**  
82484E

# Trichromacy



**Original Color**  
814B3B

**Protanomaly**  
6C553F

**Deuteranomaly**  
74523A

**Tritanomaly**  
824947

# Monochromacy



**Original Color**  
814B3B

**Achromatopsia**  
595959

**Achromatomaly**  
68544E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 814B3B 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 #814B3B looks like.

```
.text, #text, p{  
    color:#814B3B  
}
```

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 #814B3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #814B3B
}
```

## Border

The CSS property to change the border of an element to Hex 814B3B 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
#814B3B }
```

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

```
.border{ border-color:#814B3B }
```

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

Here you see how a box with a 4 pixel #814B3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #814B3B; -webkit-box-shadow:4px 4px  
4px 4px #814B3B; box-shadow:4px 4px 4px  
4px #814B3B }
```

# Background

The CSS property to change the background color of an element to Hex 814B3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#814B3B }
```

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

```
.background{ background-color:#814B3B }
```

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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