

Converting Colors

Hex(813B2F)

Have a look what the booklet for
Hex(813B2F) contains.

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Color

Hex(813B2F)

Conversions

Conversions Part 1

Format	Color
Hex	813B2F
RGB	129, 59, 47
RGB Percent	51%, 23%, 18%
CMY	0.4941, 0.7686, 0.8157
CMYK	0.00, 0.54, 0.64, 0.49
HSL	9°, 47%, 35%
HSV	9°, 64%, 51%
XYZ	11.1303, 8.0003, 3.6469
YIQ	78.5620, 45.5720, 11.1080

Conversions

Conversions Part 2

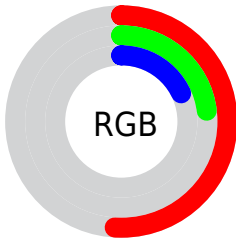
Format	Color
RYB	129, 61, 47
Decimal	8469295
CIELab	33.98, 29.17, 21.71
CIELCh	34, 36.365, 36.654
Yxy	8.0003, 0.4887, 0.3512
Android (android.graphics.Color)	4286659375 (0xFF813B2F)
YUV	78.5620, -15.5601, 44.2341
Hunter-Lab	28.2848, 20.7430, 12.1548

Details

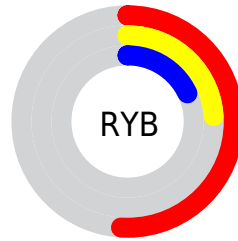
The Hex color **813B2F** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2F7581**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **BA6C5D**, and **4B0A00** is the 20% darker color. If you saturate the color by 10%, you get **813022**, and if you desaturate by 10%, it is **81463C**.

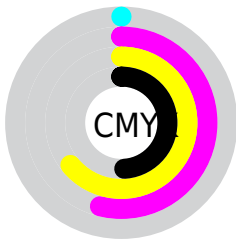
Distribution



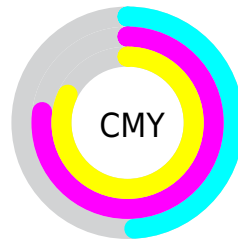
- Red (51%)
- Green (23%)
- Blue (18%)



- Red (51%)
- Yellow (24%)
- Blue (18%)



- Cyan (0%)
- Magenta (54%)
- Yellow (64%)
- Black (49%)



- Cyan (49%)
- Magenta (77%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 813B2F 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 813B2F by changing the saturation by 10% instead.



813B2F



813B2F

FFFFFF



66231A



BA6C5D



4B0A00



D78676



310000



F4A190



080000



FFBCAA



000000



FFD8C5



FFF5E1

FFFFFFE



813B2F



813B2F

■ 813022

■ 81463C

■ 812515

■ 815149

■ 811A08

■ 815C56

■ 811300

■ 816763

■ 817270

■ 817D7C

■ 818889

■ 819396

■ 819EA3

Harmonies

Analogous

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



84354B



813B2F



714619

Triad

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



813B2F



025C38



1F5189

Complementary

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



813B2F



2F7581

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.



005985



813B2F



005E56

Square

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



813B2F



3B581F



005D72



5A467E

Rectangle

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



813B2F



624D12



005D72



005489

Sweetspot

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



813B2F



A88D88



812F76



544441



D4D4D4



545454

Same Dimension

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



813B2F



A83B28



81632F



403A39



801300



000000

Inverse Universe

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



2F7581



2896A8



2F4D81



393F40



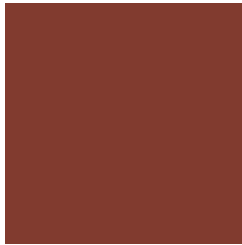
006D80



000000

Previews

White Background



This preview shows how the Hex color 813B2F looks on a white background.

Color Contrast Check

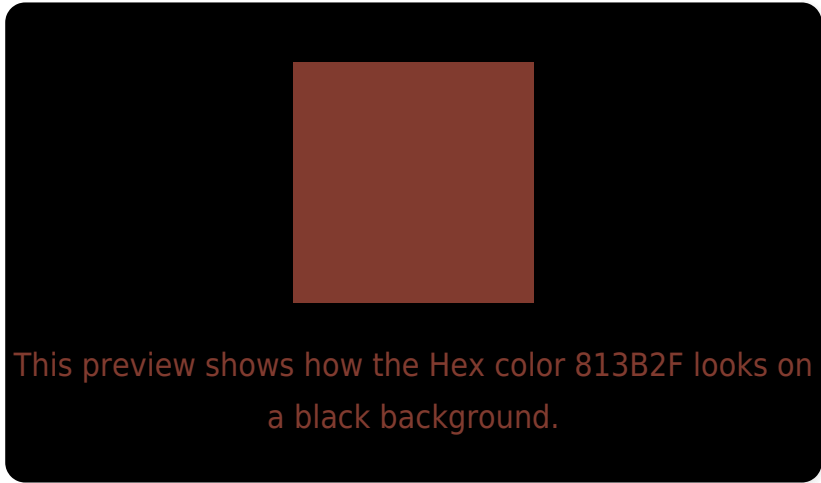
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 813B2F Background



This preview shows how black text looks on a background with the Hex color 813B2F.

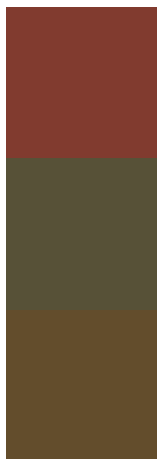


This preview shows how white text looks on a background with the Hex color 813B2F.

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
813B2F

Protanopia
575137

Deuteranopia
634D2C



Tritanopia
82393D

Trichromacy



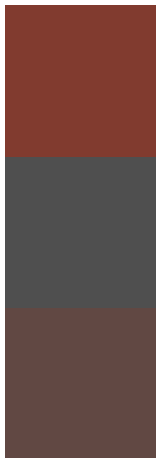
Original Color
813B2F

Protanomaly
664934

Deuteranomaly
6E462D

Tritanomaly
823A38

Monochromacy



Original Color
813B2F

Achromatopsia
4F4F4F

Achromatomaly
614843

CSS Examples

Text

The CSS property to change the color of the text to Hex 813B2F 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 #813B2F looks like.

```
.text, #text, p{  
  color:#813B2F  
}
```

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 #813B2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #813B2F
}
```

Border

The CSS property to change the border of an element to Hex 813B2F is called "border". The border property can be set on classes, ids or directly on the HTML element.

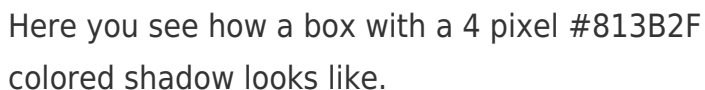
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#813B2F }
```

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

```
.border{ border-color:#813B2F }
```

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



Here you see how a box with a 4 pixel #813B2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #813B2F; -webkit-box-shadow:4px 4px  
4px 4px #813B2F; box-shadow:4px 4px 4px  
4px #813B2F }
```

Background

The CSS property to change the background color of an element to Hex 813B2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#813B2F }
```

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

```
.background{ background-color:#813B2F }
```

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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