

Converting Colors

Hex(815B2F)

Have a look what the booklet for
Hex(815B2F) contains.

Hex(815B2F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(815B2F)

Conversions

Conversions Part 1

Format	Color
Hex	815B2F
RGB	129, 91, 47
RGB Percent	51%, 36%, 18%
CMY	0.4941, 0.6431, 0.8157
CMYK	0.00, 0.29, 0.64, 0.49
HSL	32°, 47%, 35%
HSV	32°, 64%, 51%
XYZ	13.3074, 12.3545, 4.3726
YIQ	97.3460, 36.7720, -5.6280

Conversions

Conversions Part 2

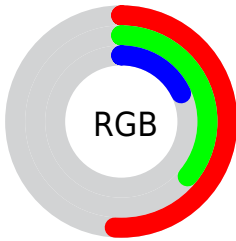
Format	Color
R_{YB}	118, 129, 47
Decimal	8477487
CIE _{Lab}	41.77, 10.60, 31.12
CIE _{LCh}	42, 32.878, 71.185
Yxy	12.3545, 0.4431, 0.4113
Android (android.graphics.Color)	4286667567 (0xFF815B2F)
YUV	97.3460, -24.8206, 27.7606
Hunter-Lab	35.1490, 6.0694, 17.2285

Details

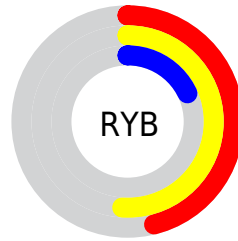
The Hex color **815B2F** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **2F5581**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **B88D5E**, and **4C2D00** is the 20% darker color. If you saturate the color by 10%, you get **815522**, and if you desaturate by 10%, it is **81613C**.

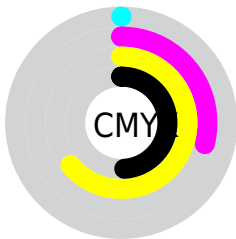
Distribution



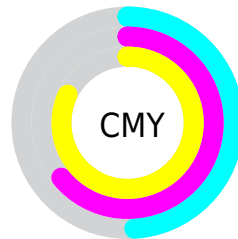
- Red (51%)
- Green (36%)
- Blue (18%)



- Red (46%)
- Yellow (51%)
- Blue (18%)



- Cyan (0%)
- Magenta (29%)
- Yellow (64%)
- Black (49%)





- Cyan (49%)
- Magenta (64%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 815B2F 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 815B2F by changing the saturation by 10% instead.

 815B2F

 815B2F

FFFFFF

 664418

 B88D5E

 4C2D00

 D5A878

 331900

 F2C392


 1C0000


 FFDFAC


 000000

 FFFBC8

 FFFFE4

 815B2F

 815B2F

 815522

 81613C

■ 814F15

■ 816749

■ 814908

■ 816D56

■ 814500

■ 817363

■ 817970

■ 817F7C

■ 818589

■ 818B96

■ 8191A3

Harmonies

Analogous

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



915140



815B2F



69642C

Triad

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



815B2F



00706C



72588B

Complementary

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



815B2F



2F5581

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.



486297



815B2F



006F85

Square

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



815B2F



236F50



006A95



8C4F75

Rectangle

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



815B2F



566933



006A95



665B91

Sweetspot

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



815B2F



A89988



812F55



544B41



D4D4D4



545454

Same Dimension

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



815B2F



A86D28



7E812F



403D39



804400



000000

Inverse Universe

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



2F5581



2864A8



322F81



393C40



003B80



000000

Previews

White Background



This preview shows how the Hex color 815B2F looks on a white background.

Color Contrast Check

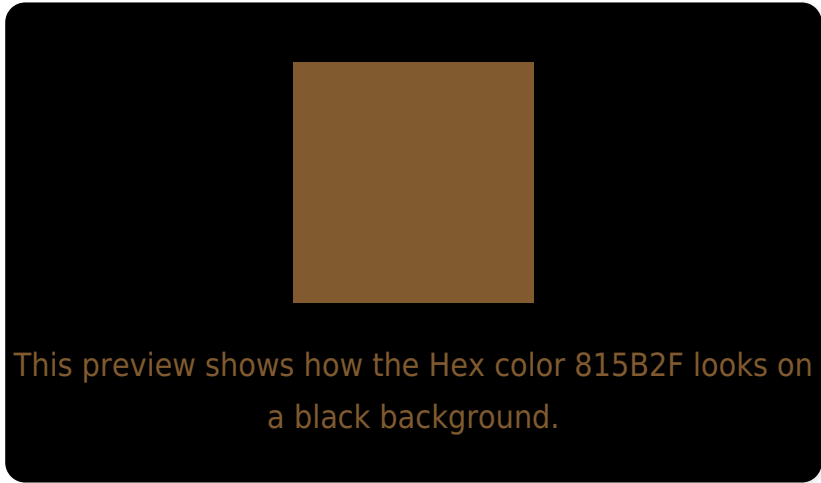
Large Text (above 18pt) WCAG AA ✓ Pass

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 815B2F Background



This preview shows how black text looks on a background with the Hex color 815B2F.



This preview shows how white text looks on a background with the Hex color 815B2F.

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
815B2F

Protanopia
6D6332

Deuteranopia
7A5E2E



Tritanopia
84565C

Trichromacy



Original Color
815B2F

Protanomaly
746031

Deuteranomaly
7D5D2E

Tritanomaly
83584C

Monochromacy



Original Color
815B2F

Achromatopsia
616161

Achromatomaly
6D5F4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 815B2F 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 #815B2F looks like.

```
.text, #text, p{  
    color:#815B2F  
}
```

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 #815B2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #815B2F
}
```

Border

The CSS property to change the border of an element to Hex 815B2F is called "border". The border property can be set on classes, ids or directly on the HTML element.

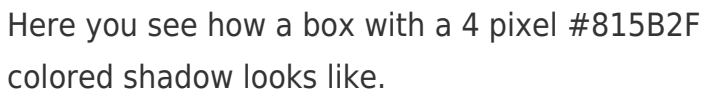
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#815B2F }
```

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

```
.border{ border-color:#815B2F }
```

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



Here you see how a box with a 4 pixel #815B2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #815B2F; -webkit-box-shadow:4px 4px  
4px 4px #815B2F; box-shadow:4px 4px 4px  
4px #815B2F }
```

Background

The CSS property to change the background color of an element to Hex 815B2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#815B2F }
```

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

```
.background{ background-color:#815B2F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor