

Converting Colors

Hex(821B2A)

Have a look what the booklet for
Hex(821B2A) contains.

Hex(821B2A)	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(821B2A)

Conversions

Conversions Part 1

Format	Color
Hex	821B2A
RGB	130, 27, 42
RGB Percent	51%, 11%, 16%
CMY	0.4902, 0.8941, 0.8353
CMYK	0.00, 0.79, 0.68, 0.49
HSL	351°, 66%, 31%
HSV	351°, 79%, 51%
XYZ	10.0158, 5.6969, 2.7622
YIQ	59.5070, 56.5730, 26.5010

Conversions

Conversions Part 2

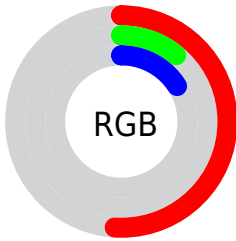
Format	Color
RYB	130, 27, 42
Decimal	8526634
CIELab	28.63, 43.78, 18.19
CIELCh	29, 47.406, 22.563
Yxy	5.6969, 0.5421, 0.3084
Android (android.graphics.Color)	4286716714 (0xFF821B2A)
YUV	59.5070, -8.6310, 61.8224
Hunter-Lab	23.8681, 33.1348, 9.8462

Details

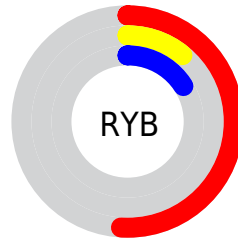
The Hex color **821B2A** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1B8273**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **BC5157**, and **4A0000** is the 20% darker color. If you saturate the color by 10%, you get **820E1F**, and if you desaturate by 10%, it is **822835**.

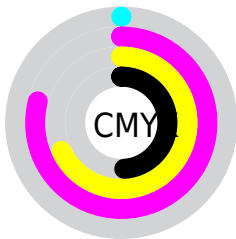
Distribution



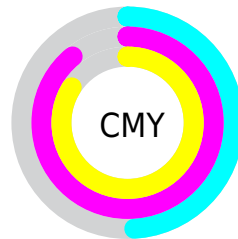
- Red (51%)
- Green (11%)
- Blue (16%)



- Red (51%)
- Yellow (11%)
- Blue (16%)



- Cyan (0%)
- Magenta (79%)
- Yellow (68%)
- Black (49%)



- Cyan (49%)
- Magenta (89%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 821B2A 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 821B2A by changing the saturation by 10% instead.

 821B2A

 821B2A

FFFFFF

 660016

 BC5157

 4A0000

 DA6B6F

 300002

 F88689

 000000

 FFA1A3

 FFBDBE

 FFD9DA

 FFF6F6

 821B2A

 821B2A

■ 820E1F

■ 822835

■ 820114

■ 823540

■ 820013

■ 82424B

■ 824F56

■ 825C62

■ 82696D

■ 827678

■ 828383

■ 82908E

Harmonies

Analogous

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



7F184E



821B2A



742E05

Triad

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



821B2A



005012



004B8D

Complementary

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



821B2A



1B8273

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.



00517D



821B2A



005339

Square

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



821B2A



394A00



00535F



2A3E88

Rectangle

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



821B2A



643A00



00535F



004E8A

Sweetspot

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



821B2A



A88086



731B82



543C3F



D4D4D4



545454

Same Dimension

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



821B2A



A80820



823F1B



40393A



800013



000000

Inverse Universe

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



821B2A



A80820



1B5E82



40393A



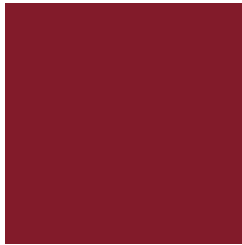
800013



000000

Previews

White Background



This preview shows how the Hex color 821B2A looks on a white background.

Color Contrast Check

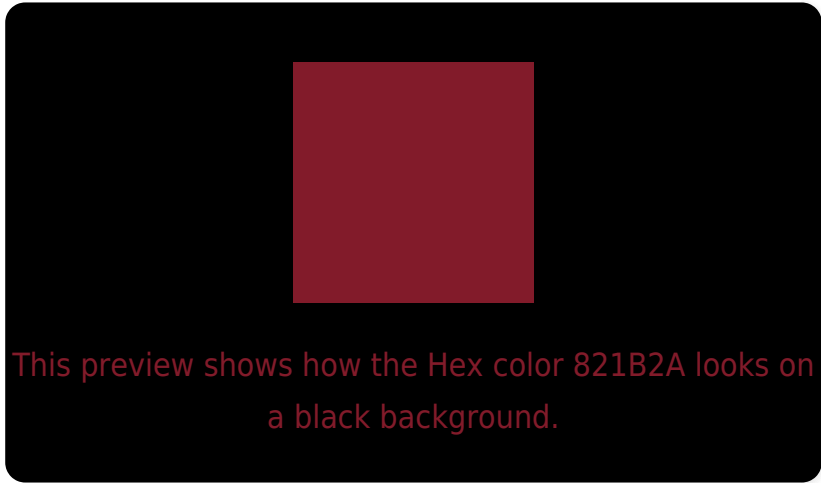
Large Text (above 18pt) WCAG AA ✓ Pass

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 821B2A Background



This preview shows how black text looks on a background with the Hex color 821B2A.



This preview shows how white text looks on a background with the Hex color 821B2A.

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
821B2A

Protanopia
49453A

Deuteranopia
554224



Tritanopia
821D1E

Trichromacy



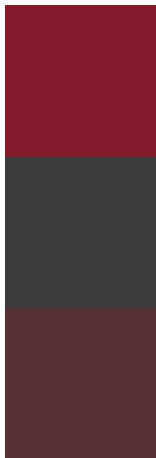
Original Color
821B2A

Protanomaly
5E3634

Deuteranomaly
653426

Tritanomaly
821C22

Monochromacy



Original Color
821B2A

Achromatopsia
3C3C3C

Achromatomaly
553035

CSS Examples

Text

The CSS property to change the color of the text to Hex 821B2A 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 #821B2A looks like.

```
.text, #text, p{  
    color:#821B2A  
}
```

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 #821B2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #821B2A
}
```

Border

The CSS property to change the border of an element to Hex 821B2A is called "border". The border property can be set on classes, ids or directly on the HTML element.

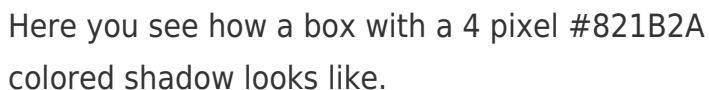
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#821B2A }
```

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

```
.border{ border-color:#821B2A }
```

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



Here you see how a box with a 4 pixel #821B2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #821B2A; -webkit-box-shadow:4px 4px  
4px 4px #821B2A; box-shadow:4px 4px 4px  
4px #821B2A }
```

Background

The CSS property to change the background color of an element to Hex 821B2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#821B2A }
```

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

```
.background{ background-color:#821B2A }
```

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