

Converting Colors

Hex(821A27)

Have a look what the booklet for
Hex(821A27) contains.

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Color

Hex(821A27)

Conversions

Conversions Part 1

Format	Color
Hex	821A27
RGB	130, 26, 39
RGB Percent	51%, 10%, 15%
CMY	0.4902, 0.8980, 0.8471
CMYK	0.00, 0.80, 0.70, 0.49
HSL	352°, 67%, 31%
HSV	352°, 80%, 51%
XYZ	9.9415, 5.6311, 2.4824
YIQ	58.5780, 57.8110, 26.0910

Conversions

Conversions Part 2

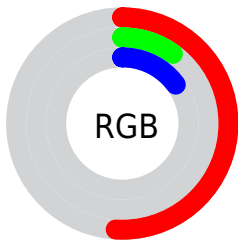
Format	Color
RYB	130, 26, 39
Decimal	8526375
CIELab	28.46, 43.94, 19.95
CIELCh	28, 48.251, 24.419
Yxy	5.6311, 0.5506, 0.3119
Android (android.graphics.Color)	4286716455 (0xFF821A27)
YUV	58.5780, -9.6520, 62.6371
Hunter-Lab	23.7299, 33.2542, 10.4086

Details

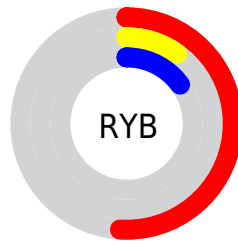
The Hex color **821A27** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1A8275**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **BC5054**, and **4A0000** is the 20% darker color. If you saturate the color by 10%, you get **820D1C**, and if you desaturate by 10%, it is **822732**.

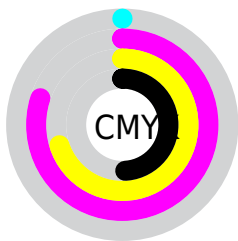
Distribution



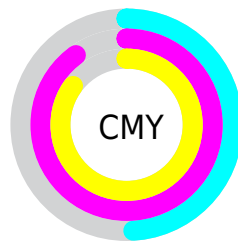
- Red (51%)
- Green (10%)
- Blue (15%)



- Red (51%)
- Yellow (10%)
- Blue (15%)



- Cyan (0%)
- Magenta (80%)
- Yellow (70%)
- Black (49%)



- Cyan (49%)
- Magenta (90%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 821A27 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 821A27 by changing the saturation by 10% instead.

 821A27

 821A27

FFFFFF

 650013

 BC5054

 4A0000

 DA6A6C

 300002

 F98585

 000000

 FFA09F

 FFBCBA

 FFD9D6

 FFF6F2

 821A27

 821A27

■ 820D1C

■ 822732

■ 820010

■ 82343E

■ 824149

■ 824E54

■ 825B60

■ 82686B

■ 827577

■ 828282

■ 828F8D

Harmonies

Analogous

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



80144C



821A27



732E01

Triad

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



821A27



005013



004A8E

Complementary

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



821A27



1A8275

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.



005180



821A27



00533B

Square

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



821A27



364A00



005361



2E3C88

Rectangle

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



821A27



633A00



005361



004D8B

Sweetspot

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



821A27



A88085



741A82



543C3F



D4D4D4



545454

Same Dimension

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



821A27



A8071B



82401A



40393A



800010



000000

Inverse Universe

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



821A27



A8071B



1A5C82



40393A



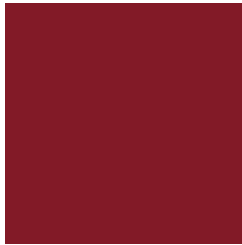
800010



000000

Previews

White Background



This preview shows how the Hex color 821A27 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 821A27 Background



This preview shows how black text looks on a background with the Hex color 821A27.

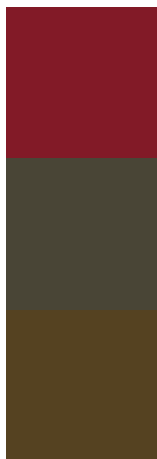


This preview shows how white text looks on a background with the Hex color 821A27.

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
821A27

Protanopia
494536

Deuteranopia
554221

Trichromacy



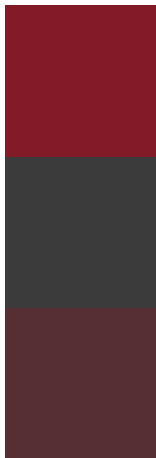
Original Color
821A27

Protanomaly
5E3531

Deuteranomaly
653323

Tritanomaly
821B20

Monochromacy



Original Color
821A27

Achromatopsia
3B3B3B

Achromatomaly
552F34

CSS Examples

Text

The CSS property to change the color of the text to Hex 821A27 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 #821A27 looks like.

```
.text, #text, p{  
    color:#821A27  
}
```

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 #821A27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #821A27
}
```

Border

The CSS property to change the border of an element to Hex 821A27 is called "border". The border property can be set on classes, ids or directly on the HTML element.

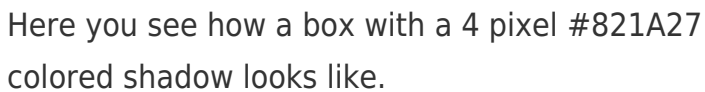
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#821A27 }
```

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

```
.border{ border-color:#821A27 }
```

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



Here you see how a box with a 4 pixel #821A27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #821A27; -webkit-box-shadow:4px 4px  
4px 4px #821A27; box-shadow:4px 4px 4px  
4px #821A27 }
```

Background

The CSS property to change the background color of an element to Hex 821A27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#821A27 }
```

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

```
.background{ background-color:#821A27 }
```

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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