

Converting Colors

Hex(821D00)

Have a look what the booklet for
Hex(821D00) contains.

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Color

Hex(821D00)

Conversions

Conversions Part 1

Format	Color
Hex	821D00
RGB	130, 29, 0
RGB Percent	51%, 11%, 0%
CMY	0.4902, 0.8863, 1.0000
CMYK	0.00, 0.78, 1.00, 0.49
HSL	13°, 100%, 25%
HSV	13°, 100%, 51%
XYZ	9.6453, 5.6246, 0.5773
YIQ	55.8930, 69.5050, 12.3930

Conversions

Conversions Part 2

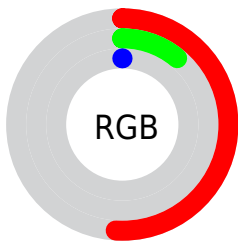
Format	Color
R_{YB}	130, 37, 0
Decimal	8527104
CIE Lab	28.44, 41.65, 40.79
CIE LCh	28, 58.291, 44.402
Yxy	5.6246, 0.6086, 0.3549
Android (android.graphics.Color)	4286717184 (0xFF821D00)
YUV	55.8930, -27.5552, 64.9918
Hunter-Lab	23.7161, 31.0922, 15.1581

Details

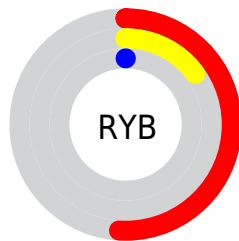
The Hex color **821D00** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **006582**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **BE522F**, and **480000** is the 20% darker color. If you saturate the color by 10%, you get **821D00**, and if you desaturate by 10%, it is **82270D**.

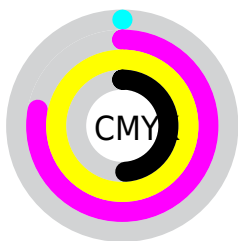
Distribution



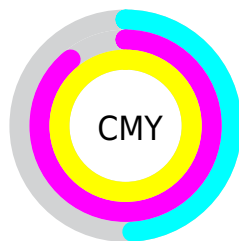
- Red (51%)
- Green (11%)
- Blue (0%)



- Red (51%)
- Yellow (15%)
- Blue (0%)



- Cyan (0%)
- Magenta (78%)
- Yellow (100%)
- Black (49%)



- Cyan (49%)
- Magenta (89%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 821D00 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 821D00 by changing the saturation by 10% instead.

 821D00

 821D00

 FFFFE5

 650000

 BE522F

 480000

 DD6C47

 2E0002

 FC865F

 000000

 FFA179

 FFBD93

 FFD9AE

 FFF6C9

 821D00

 82270D

 82311A

 823B27

 824534

 825041

 825A4E

 82645B

 826E68

 827875

Harmonies

Analogous

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



8F0030



821D00



663800

Triad

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



821D00



005429



00429C

Complementary

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



821D00



006582

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.



004F9B



821D00



005558

Square

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



821D00



005000



005582



5D2984

Rectangle

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



821D00



4D4400



005582



00479E

Sweetspot

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



821D00



A88176



820066



543D36



D4D4D4



545454

Same Dimension

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



821D00



A82600



825D00



403B39



801C00



000000

Inverse Universe

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



006582



0083A8



002582



393E40



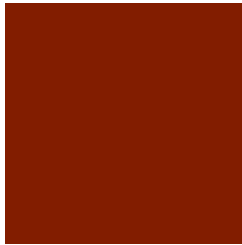
006380



000000

Previews

White Background



This preview shows how the Hex color 821D00 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 821D00 Background



This preview shows how black text looks on a background with the Hex color 821D00.



This preview shows how white text looks on a background with the Hex color 821D00.

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
821D00

Protanopia
4E450F

Deuteranopia
574200



Tritanopia
821B1B

Trichromacy



Original Color
821D00

Protanomaly
61360A

Deuteranomaly
673500

Tritanomaly
821C11

Monochromacy



Original Color
821D00

Achromatopsia
383838

Achromatomaly
532E24

CSS Examples

Text

The CSS property to change the color of the text to Hex 821D00 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 #821D00 looks like.

```
.text, #text, p{  
    color:#821D00  
}
```

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 #821D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #821D00
}
```

Border

The CSS property to change the border of an element to Hex 821D00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

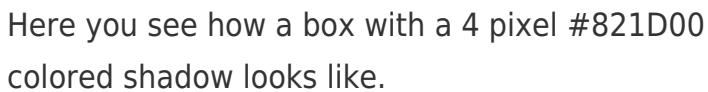
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#821D00 }
```

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

```
.border{ border-color:#821D00 }
```

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



Here you see how a box with a 4 pixel #821D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #821D00; -webkit-box-shadow:4px 4px  
4px 4px #821D00; box-shadow:4px 4px 4px  
4px #821D00 }
```

Background

The CSS property to change the background color of an element to Hex 821D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#821D00 }
```

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

```
.background{ background-color:#821D00 }
```

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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