

Converting Colors

Hex(821D52)

Have a look what the booklet for
Hex(821D52) contains.

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Color

Hex(821D52)

Conversions

Conversions Part 1

Format	Color
Hex	821D52
RGB	130, 29, 82
RGB Percent	51%, 11%, 32%
CMY	0.4902, 0.8863, 0.6784
CMYK	0.00, 0.78, 0.37, 0.49
HSL	329°, 64%, 31%
HSV	329°, 78%, 51%
XYZ	11.1683, 6.2338, 8.5972
YIQ	65.2410, 43.1830, 37.8950

Conversions

Conversions Part 2

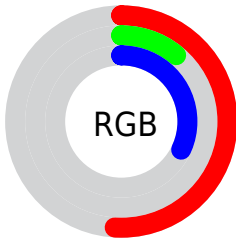
Format	Color
R_{YB}	130, 29, 82
Decimal	8527186
CIE _{Lab}	29.99, 46.65, -6.50
CIE _{LCh}	30, 47.096, 352.066
Yxy	6.2338, 0.4296, 0.2398
Android (android.graphics.Color)	4286717266 (0xFF821D52)
YUV	65.2410, 8.2622, 56.7936
Hunter-Lab	24.9675, 36.1522, -2.9385

Details

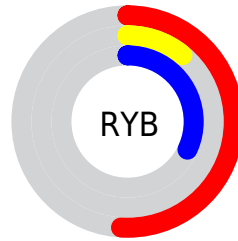
The Hex color **821D52** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **1D824D**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **BA5483**, and **4C0025** is the 20% darker color. If you saturate the color by 10%, you get **82104C**, and if you desaturate by 10%, it is **822A58**.

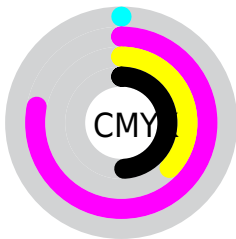
Distribution



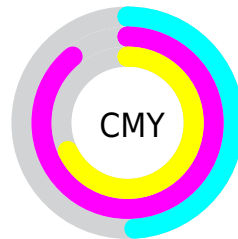
- Red (51%)
- Green (11%)
- Blue (32%)



- Red (51%)
- Yellow (11%)
- Blue (32%)



- Cyan (0%)
- Magenta (78%)
- Yellow (37%)
- Black (49%)



- Cyan (49%)
- Magenta (89%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 821D52 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 821D52 by changing the saturation by 10% instead.

 821D52

 821D52

FFFFFF

 67003B

 BA5483

 4C0025

 D76E9D

 350011

 F589B8

 090000

 FFA4D4

 000000

 FFC0F0

 FFDDFF

 FFFAFF

 821D52

 821D52

■ 82104C

■ 822A58

■ 820346

■ 82375E

■ 820044

■ 824465

■ 82516B

■ 825E71

■ 826B77

■ 82787D

■ 828583

■ 82928A

Harmonies

Analogous

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



682F74



821D52



861F2E

Triad

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



821D52



3D4D00



005580

Complementary

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



821D52



1D824D

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.



005761



821D52



005315

Square

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



821D52



5F4200



00563B



004E90

Rectangle

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



821D52



7E2B17



00563B



005677

Sweetspot

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



821D52



A88296



4C1D82



543D49



D4D4D4



545454

Same Dimension

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



821D52



A80C5E



821D20



40393D



800043



000000

Inverse Universe

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



821D52



A80C5E



1D827F



40393D



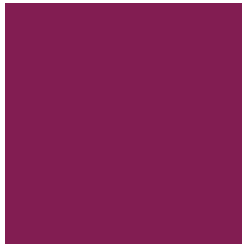
800043



000000

Previews

White Background



This preview shows how the Hex color 821D52 looks on a white background.

Color Contrast Check

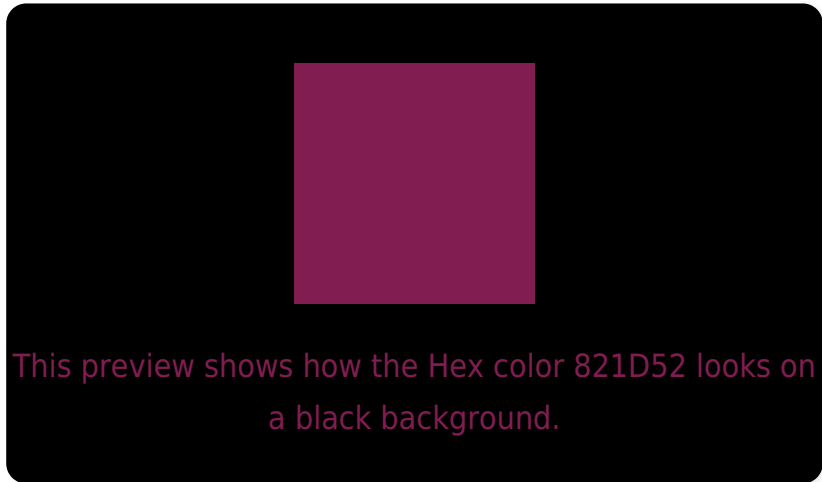
Large Text (above 18pt) WCAG AA ✓ Pass

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 821D52 Background



This preview shows how black text looks on a background with the Hex color 821D52.

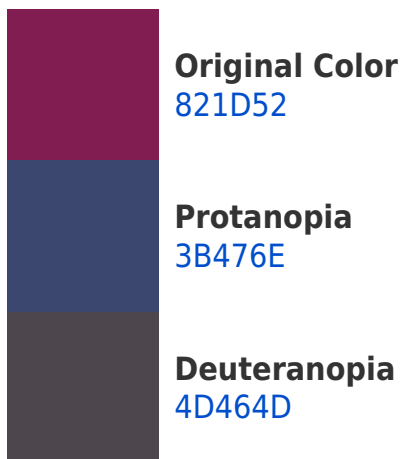


This preview shows how white text looks on a background with the Hex color 821D52.

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





Tritanopia
7F292B

Trichromacy



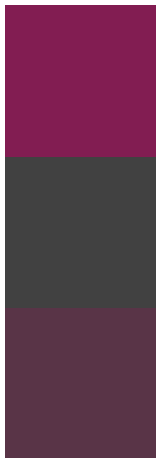
Original Color
821D52

Protanomaly
553864

Deuteranomaly
60374F

Tritanomaly
802539

Monochromacy



Original Color
821D52

Achromatopsia
414141

Achromatomaly
593447

CSS Examples

Text

The CSS property to change the color of the text to Hex 821D52 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 #821D52 looks like.

```
.text, #text, p{  
    color:#821D52  
}
```

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 #821D52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #821D52
}
```

Border

The CSS property to change the border of an element to Hex 821D52 is called "border". The border property can be set on classes, ids or directly on the HTML element.

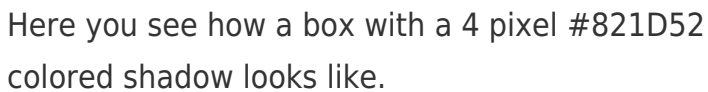
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#821D52 }
```

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

```
.border{ border-color:#821D52 }
```

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



Here you see how a box with a 4 pixel #821D52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #821D52; -webkit-box-shadow:4px 4px  
4px 4px #821D52; box-shadow:4px 4px 4px  
4px #821D52 }
```

Background

The CSS property to change the background color of an element to Hex 821D52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#821D52 }
```

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

```
.background{ background-color:#821D52 }
```

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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