

# Converting Colors

Hex(821D5F)

Have a look what the booklet for  
Hex(821D5F) contains.

<b>Hex(821D5F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(821D5F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	821D5F
RGB	130, 29, 95
RGB Percent	51%, 11%, 37%
CMY	0.4902, 0.8863, 0.6275
CMYK	0.00, 0.78, 0.27, 0.49
HSL	321°, 64%, 31%
HSV	321°, 78%, 51%
XYZ	11.7108, 6.4508, 11.4544
YIQ	66.7230, 39.0100, 41.9380

# Conversions

## Conversions Part 2

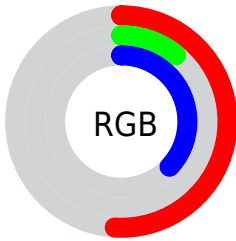
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 29, 95
Decimal	8527199
CIE <sub>Lab</sub>	30.52, 48.27, -14.20
CIE <sub>LCh</sub>	31, 50.320, 343.606
Yxy	6.4508, 0.3954, 0.2178
Android (android.graphics.Color)	4286717279 (0xFF821D5F)
YUV	66.7230, 13.9406, 55.4939
Hunter-Lab	25.3984, 37.8567, -8.9602

# Details

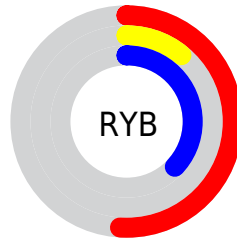
The Hex color **821D5F** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **1D8240**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **BA5492**, and **4C0031** is the 20% darker color. If you saturate the color by 10%, you get **82105A**, and if you desaturate by 10%, it is **822A64**.

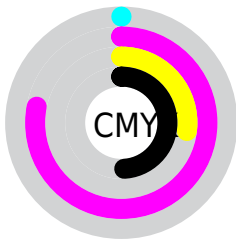
# Distribution



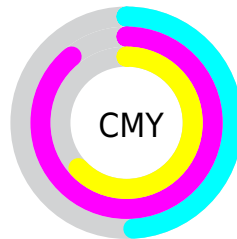
- Red (51%)
- Green (11%)
- Blue (37%)



- Red (51%)
- Yellow (11%)
- Blue (37%)



- Cyan (0%)
- Magenta (78%)
- Yellow (27%)
- Black (49%)



- Cyan (49%)
- Magenta (89%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 821D5F 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 821D5F by changing the saturation by 10% instead.



821D5F

821D5F

FFFFFF

670047

BA5492

4C0031

D76FAC

35001C

F48AC8

120000

FFA5E4

000000

FFC1FF

FFDEFF

FFFBFF

821D5F

821D5F

■ 82105A

■ 822A64

■ 820356

■ 823768

■ 820055

■ 82446D

■ 825171

■ 825E76

■ 826B7A

■ 82787F

■ 828583

■ 829288

# Harmonies

## Analogous

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



5F3481



821D5F



8C1738

# Triad

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



821D5F



484C00



00587E

# Complementary

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



821D5F



1D8240

# 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.



005959



821D5F



155403

# Square

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



821D5F



6A3E00



005830



005294

# Rectangle

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



821D5F



87231F



005830



005873



# Sweetspot

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



821D5F



A8829B



3F1D82



543D4C



D4D4D4



545454



# Same Dimension

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



821D5F



A80C72



821D2E



40393E



800053



000000



# Inverse Universe

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



821D5F



A80C72



1D8271



40393E



800053

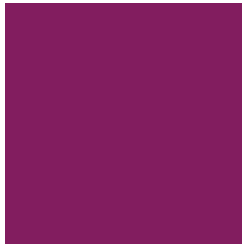


000000



# Previews

## White Background



This preview shows how the Hex color 821D5F looks on a white background.

## Color Contrast Check

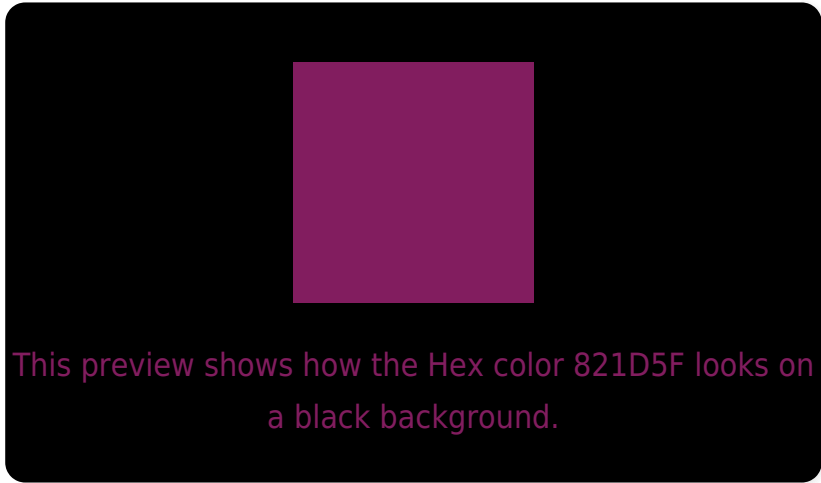
Large Text (above 18pt) WCAG AA ✓ Pass

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

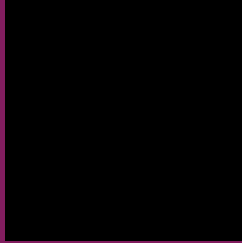
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 821D5F Background



This preview shows how black text looks on a background with the Hex color 821D5F.



This preview shows how white text looks on a background with the Hex color 821D5F.

# 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**  
7E2D2F

# Trichromacy



**Original Color**  
821D5F

**Protanomaly**  
4E3873

**Deuteranomaly**  
5D385B

**Tritanomaly**  
7F2740

# Monochromacy



**Original Color**  
821D5F

**Achromatopsia**  
434343

**Achromatomaly**  
5A354D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 821D5F 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 #821D5F looks like.

```
.text, #text, p{  
    color:#821D5F  
}
```

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 #821D5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #821D5F
}
```

## Border

The CSS property to change the border of an element to Hex 821D5F is called "border". The border property can be set on classes, ids or directly on the HTML element.

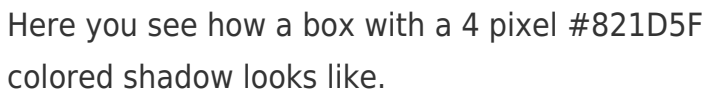
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#821D5F }
```

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

```
.border{ border-color:#821D5F }
```

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



Here you see how a box with a 4 pixel #821D5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #821D5F; -webkit-box-shadow:4px 4px  
4px 4px #821D5F; box-shadow:4px 4px 4px  
4px #821D5F }
```

# Background

The CSS property to change the background color of an element to Hex 821D5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#821D5F }
```

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

```
.background{ background-color:#821D5F }
```

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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