

# Converting Colors

Hex(821D3E)

Have a look what the booklet for  
Hex(821D3E) contains.

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# Color

**Hex(821D3E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	821D3E
RGB	130, 29, 62
RGB Percent	51%, 11%, 24%
CMY	0.4902, 0.8863, 0.7569
CMYK	0.00, 0.78, 0.52, 0.49
HSL	340°, 64%, 31%
HSV	340°, 78%, 51%
XYZ	10.5148, 5.9724, 5.1560
YIQ	62.9610, 49.6030, 31.6750

# Conversions

## Conversions Part 2

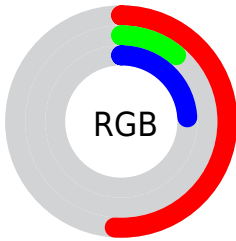
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 29, 62
Decimal	8527166
CIE Lab	29.34, 44.58, 5.82
CIE LCh	29, 44.961, 7.437
Yxy	5.9724, 0.4858, 0.2759
Android (android.graphics.Color)	4286717246 (0xFF821D3E)
YUV	62.9610, -0.4738, 58.7932
Hunter-Lab	24.4384, 34.0336, 4.5979

# Details

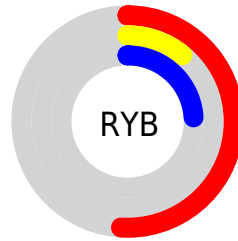
The Hex color **821D3E** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1D8261**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **BB536D**, and **4B0014** is the 20% darker color. If you saturate the color by 10%, you get **821035**, and if you desaturate by 10%, it is **822A47**.

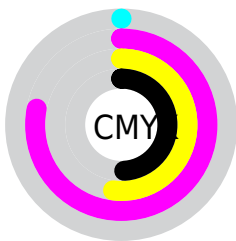
# Distribution



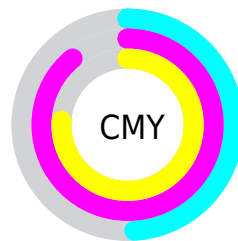
- Red (51%)
- Green (11%)
- Blue (24%)



- Red (51%)
- Yellow (11%)
- Blue (24%)



- Cyan (0%)
- Magenta (78%)
- Yellow (52%)
- Black (49%)



- Cyan (49%)
- Magenta (89%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 821D3E 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 821D3E by changing the saturation by 10% instead.



 821D3E

 821D3E

FFFFFF

 660028

 BB536D

 4B0014

 D96D86

 330002

 F688A1

 000000

 FFA3BC

 FFBFD7

 FFD4F4

 FFF9FF

 821D3E

 821D3E

■ 821035

■ 822A47

■ 82032C

■ 823750

■ 82002A

■ 824458

■ 825161

■ 825E6A

■ 826B73

■ 82787B

■ 828584

■ 82928D

# Harmonies

## Analogous

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



752561



821D3E



7D291D

# Triad

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



821D3E



274F03



005086

# Complementary

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



821D3E



1D8261

# 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.



00546F



821D3E



005329

# Square

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



821D3E



4D4600



00554D



00478B

# Rectangle

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



821D3E



713406



00554D



005280



# Sweetspot

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



821D3E



A8828E



601D82



543D44



D4D4D4



545454



# Same Dimension

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



821D3E



A80C3F



822E1D



40393B



80002A



000000



# Inverse Universe

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



821D3E



A80C3F



1D7182



40393B



80002A

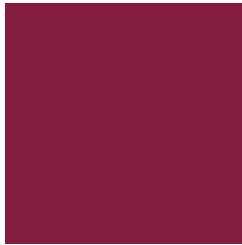


000000



# Previews

## White Background



This preview shows how the Hex color 821D3E looks on a white background.

## Color Contrast Check

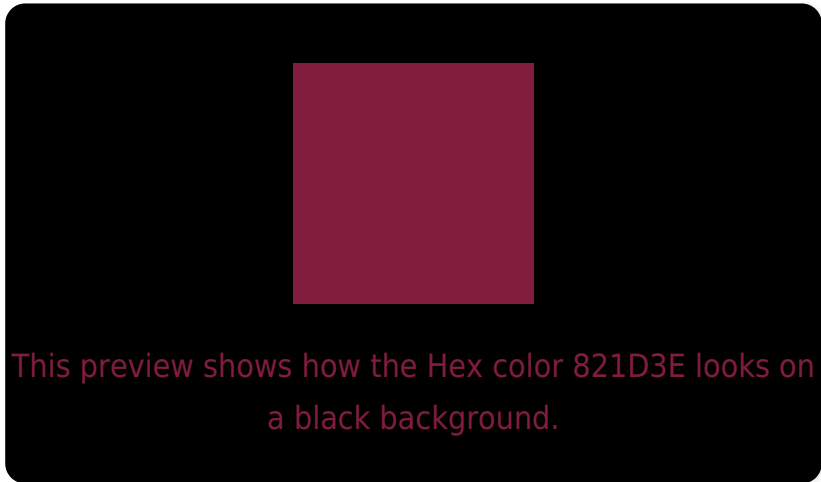
Large Text (above 18pt) WCAG AA ✓ Pass

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 821D3E Background



This preview shows how black text looks on a background with the Hex color 821D3E.

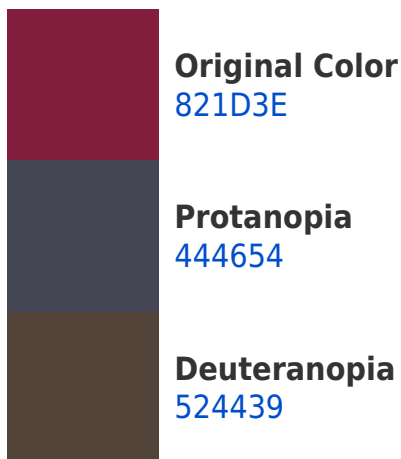


This preview shows how white text looks on a background with the Hex color 821D3E.

# 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





# Trichromacy



**Original Color**  
821D3E

**Protanomaly**  
5B374C

**Deuteranomaly**  
63363B

**Tritanomaly**  
81212E

# Monochromacy



**Original Color**  
821D3E

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
57333F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 821D3E 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 #821D3E looks like.

```
.text, #text, p{  
    color:#821D3E  
}
```

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 #821D3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #821D3E
}
```

## Border

The CSS property to change the border of an element to Hex 821D3E is called "border". The border property can be set on classes, ids or directly on the HTML element.

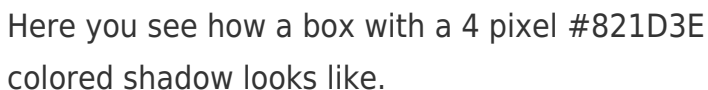
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#821D3E }
```

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

```
.border{ border-color:#821D3E }
```

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



Here you see how a box with a 4 pixel #821D3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #821D3E; -webkit-box-shadow:4px 4px  
4px 4px #821D3E; box-shadow:4px 4px 4px  
4px #821D3E }
```

# Background

The CSS property to change the background color of an element to Hex 821D3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#821D3E }
```

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

```
.background{ background-color:#821D3E }
```

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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