

Converting Colors

Hex(821E31)

Have a look what the booklet for
Hex(821E31) contains.

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Color

Hex(821E31)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 821E31 |
| RGB | 130, 30, 49 |
| RGB Percent | 51%, 12%, 19% |
| CMY | 0.4902, 0.8824, 0.8078 |
| CMYK | 0.00, 0.77, 0.62, 0.49 |
| HSL | 349°, 62%, 31% |
| HSV | 349°, 77%, 51% |
| XYZ | 10.2246, 5.8961, 3.5049 |
| YIQ | 62.0660, 53.5010, 27.1090 |

Conversions

Conversions Part 2

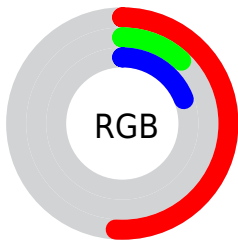
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 130, 30, 49 |
| Decimal | 8527409 |
| CIE _{Lab} | 29.15, 43.19, 14.22 |
| CIE _{LCh} | 29, 45.471, 18.226 |
| Yxy | 5.8961, 0.5210, 0.3004 |
| Android (android.graphics.Color) | 4286717489 (0xFF821E31) |
| YUV | 62.0660, -6.4415, 59.5781 |
| Hunter-Lab | 24.2819, 32.6689, 8.4393 |

Details

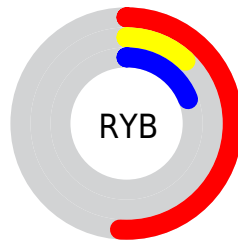
The Hex color **821E31** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1E826F**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **BC535F**, and **4B0002** is the 20% darker color. If you saturate the color by 10%, you get **821126**, and if you desaturate by 10%, it is **822B3C**.

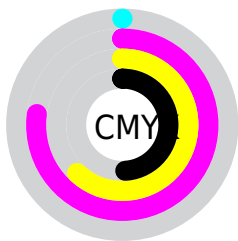
Distribution



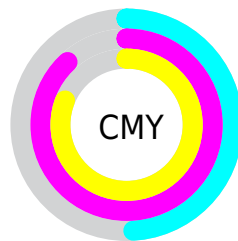
- Red (51%)
- Green (12%)
- Blue (19%)



- Red (51%)
- Yellow (12%)
- Blue (19%)



- Cyan (0%)
- Magenta (77%)
- Yellow (62%)
- Black (49%)



- Cyan (49%)
- Magenta (88%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 821E31 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 821E31 by changing the saturation by 10% instead.

 821E31

 821E31

FFFFFF

 66001C

 BC535F

 4B0002

 D96D78

 320002

 F88891

 000000

 FFA3AC

 FFBFC7

 FFDCE3

 FFF9FF

 821E31

 821E31

■ 821126

■ 822B3C

■ 82041C

■ 823846

■ 820019

■ 824551

■ 82525B

■ 825F66

■ 826C70

■ 82797B

■ 828685

■ 829390

Harmonies

Analogous

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



7C1F54



821E31



772E10

Triad

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



821E31



0E5010



004D8A

Complementary

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



821E31



1E826F

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.



005379



821E31



005335

Square

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



821E31



404A00



00545A



1F4188

Rectangle

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



821E31



683900



00545A



004F86

Sweetspot

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



821E31



A88289



6E1E82



543D41



D4D4D4



545454

Same Dimension

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



821E31



A80D2B



823C1E



40393B



800018



000000

Inverse Universe

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



821E31



A80D2B



1E6482



40393B



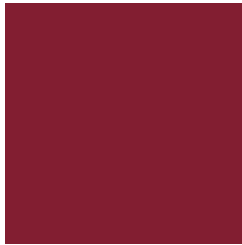
800018



000000

Previews

White Background



This preview shows how the Hex color 821E31 looks on a white background.

Color Contrast Check

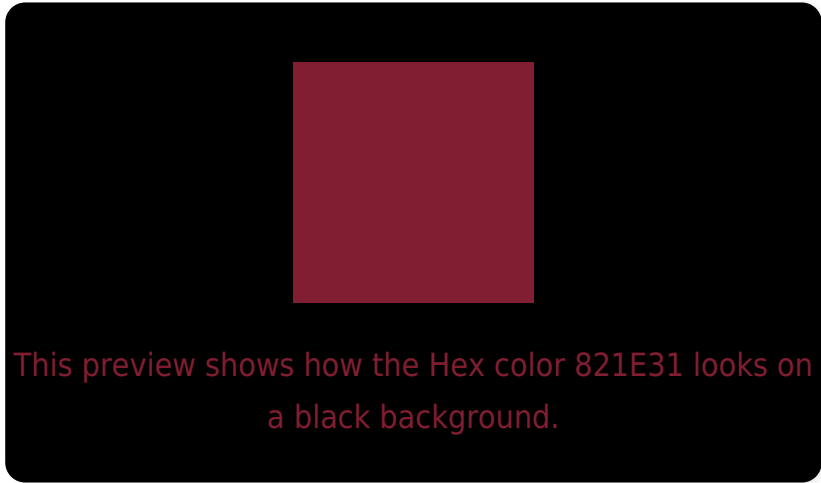
Large Text (above 18pt) WCAG AA ✓ Pass

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 821E31 Background



This preview shows how black text looks on a background with the Hex color 821E31.

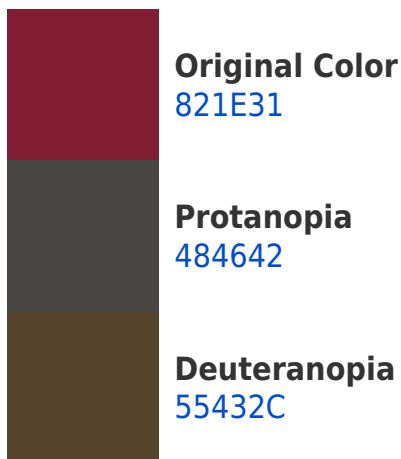


This preview shows how white text looks on a background with the Hex color 821E31.

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



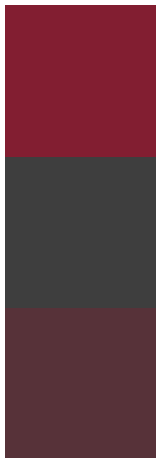
Original Color
821E31

Protanomaly
5D373C

Deuteranomaly
65362E

Tritanomaly
812027

Monochromacy



Original Color
821E31

Achromatopsia
3E3E3E

Achromatomaly
573239

CSS Examples

Text

The CSS property to change the color of the text to Hex 821E31 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 #821E31 looks like.

```
.text, #text, p{  
    color:#821E31  
}
```

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 #821E31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #821E31  
}
```

Border

The CSS property to change the border of an element to Hex 821E31 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  
#821E31 }
```

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

```
.border{ border-color:#821E31 }
```

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

Here you see how a box with a 4 pixel #821E31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #821E31; -webkit-box-shadow:4px 4px  
4px 4px #821E31; box-shadow:4px 4px 4px  
4px #821E31 }
```

Background

The CSS property to change the background color of an element to Hex 821E31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#821E31 }
```

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

```
.background{ background-color:#821E31 }
```

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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