

# Converting Colors

Hex(841E26)

Have a look what the booklet for  
Hex(841E26) contains.

<b>Hex(841E26)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(841E26)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	841E26
RGB	132, 30, 38
RGB Percent	52%, 12%, 15%
CMY	0.4824, 0.8824, 0.8510
CMYK	0.00, 0.77, 0.71, 0.48
HSL	355°, 63%, 32%
HSV	355°, 77%, 52%
XYZ	10.3298, 5.9740, 2.4424
YIQ	61.4100, 58.2240, 24.1120

# Conversions

## Conversions Part 2

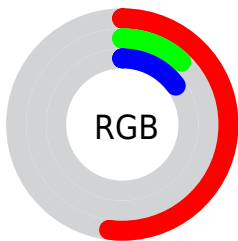
Format	Color
<a href="#">RYB</a>	132, 30, 38
Decimal	8658470
CIELab	29.35, 43.15, 21.78
CIElCh	29, 48.335, 26.782
Yxy	5.9740, 0.5510, 0.3187
Android (android.graphics.Color)	4286848550 (0xFF841E26)
YUV	61.4100, -11.5411, 61.9074
Hunter-Lab	24.4418, 32.6663, 11.1846

# Details

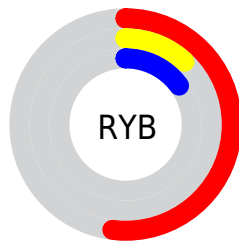
The Hex color **841E26** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1E847C**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **BF5353**, and **4B0000** is the 20% darker color. If you saturate the color by 10%, you get **84111A**, and if you desaturate by 10%, it is **842B32**.

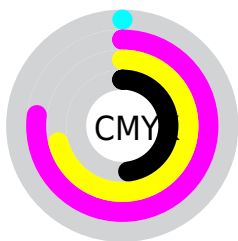
# Distribution



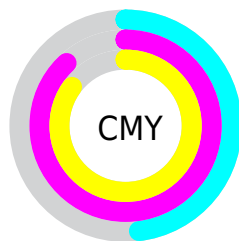
- Red (52%)
- Green (12%)
- Blue (15%)



- Red (52%)
- Yellow (12%)
- Blue (15%)



- Cyan (0%)
- Magenta (77%)
- Yellow (71%)
- Black (48%)



- Cyan (48%)
- Magenta (88%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 841E26 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 841E26 by changing the saturation by 10% instead.



 841E26

 841E26

FFFFFF

 670012

 BF5353

 4B0000

 DD6D6B

 320002

 FB8884

 000000

 FFA39E

 FF8FB9

 FFD0D5

 FFF9F1

 841E26

 841E26

■ 84111A

■ 842B32

■ 84040E

■ 84383E

■ 84000A

■ 84464A

■ 845357

■ 846063

■ 846D6F

■ 847A7B

■ 848887

■ 849593

# Harmonies

## Analogous

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



84174B



841E26



743200

# Triad

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



841E26



005218



004B91

# Complementary

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



841E26



1E847C

# 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.



005384



841E26



005540

# Square

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



841E26



344D00



005566



383D89

# Rectangle

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



841E26



633D00



005566



004E8F



# Sweetspot

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



841E26



AB8487



7B1E84



573E40



D6D6D6



575757



# Same Dimension

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



841E26



AB0C18



84491E



423C3C



82000A



030000



# Inverse Universe

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



841E26



AB0C18



1E5A84



423C3C



82000A

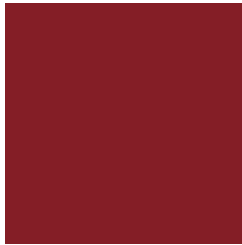


030000



# Previews

## White Background



This preview shows how the Hex color 841E26 looks on a white background.

## Color Contrast Check

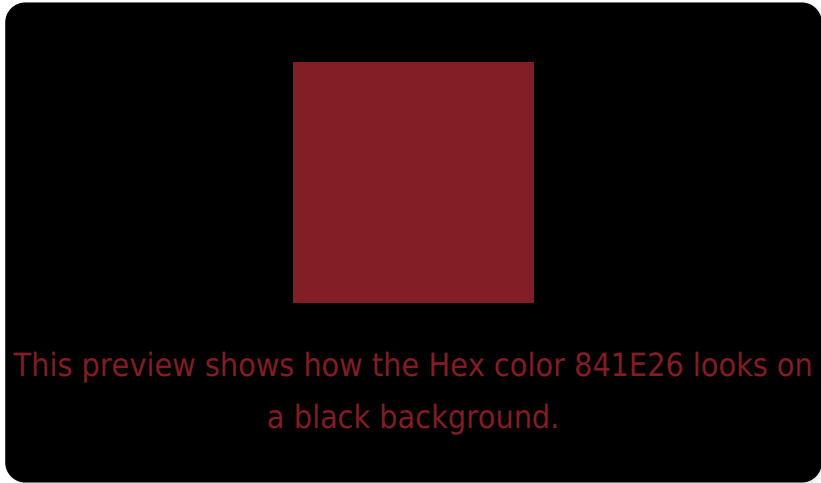
Large Text (above 18pt) WCAG AA ✓ Pass

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 841E26 Background



This preview shows how black text looks on a background with the Hex color 841E26.



This preview shows how white text looks on a background with the Hex color 841E26.

# 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**  
841E26

**Protanopia**  
4C4734

**Deuteranopia**  
584320



**Tritanopia**  
841F20

# Trichromacy



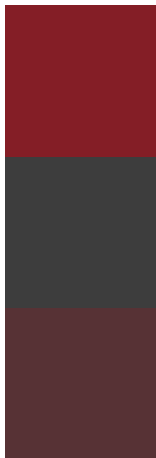
**Original Color**  
841E26

**Protanomaly**  
60382F

**Deuteranomaly**  
683622

**Tritanomaly**  
841F22

# Monochromacy



**Original Color**  
841E26

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
573235

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 841E26 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 #841E26 looks like.

```
.text, #text, p{  
    color:#841E26  
}
```

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 #841E26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #841E26
}
```

## Border

The CSS property to change the border of an element to Hex 841E26 is called "border". The border property can be set on classes, ids or directly on the HTML element.

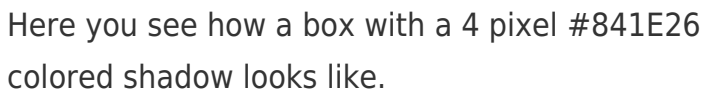
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#841E26 }
```

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

```
.border{ border-color:#841E26 }
```

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



Here you see how a box with a 4 pixel #841E26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #841E26; -webkit-box-shadow:4px 4px  
4px 4px #841E26; box-shadow:4px 4px 4px  
4px #841E26 }
```

# Background

The CSS property to change the background color of an element to Hex 841E26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#841E26 }
```

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

```
.background{ background-color:#841E26 }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor