

# Converting Colors

Hex(862E31)

Have a look what the booklet for  
Hex(862E31) contains.

|  |    |
|--|----|
| <b>Hex(862E31)</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(862E31)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 862E31                    |
| RGB           | 134, 46, 49               |
| RGB Percent   | 53%, 18%, 19%             |
| CMY           | 0.4745, 0.8196, 0.8078    |
| CMYK          | 0.00, 0.66, 0.63, 0.47    |
| HSL           | 358°, 49%, 35%            |
| HSV           | 358°, 66%, 53%            |
| XYZ           | 11.3629, 7.2441, 3.7051   |
| YIQ           | 72.6540, 51.4850, 19.5890 |

# Conversions

## Conversions Part 2

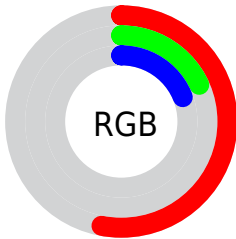
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 134, 46, 49                   |
| Decimal                             | 8793649                       |
| CIELab                              | 32.36, 37.88, 18.56           |
| CIELCh                              | 32, 42.184, 26.106            |
| Yxy                                 | 7.2441, 0.5093,<br>0.3247     |
| Android<br>(android.graphics.Color) | 4286983729<br>(0xFF862E31)    |
| YUV                                 | 72.6540, -11.6614,<br>53.8004 |
| Hunter-Lab                          | 26.9148, 28.2581,<br>10.6785  |

# Details

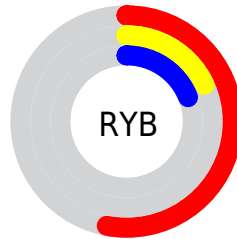
The Hex color **862E31** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2E8683**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **C0615F**, and **4F0003** is the 20% darker color. If you saturate the color by 10%, you get **862124**, and if you desaturate by 10%, it is **863B3E**.

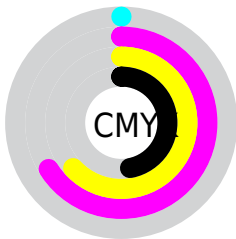
# Distribution



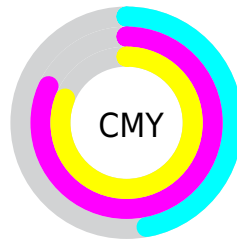
- Red (53%)
- Green (18%)
- Blue (19%)



- Red (53%)
- Yellow (18%)
- Blue (19%)



- Cyan (0%)
- Magenta (66%)
- Yellow (63%)
- Black (47%)



- Cyan (47%)
- Magenta (82%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 862E31 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 862E31 by changing the saturation by 10% instead.



 862E31

 862E31

FFFFFF

 6A131C

 C0615F

 4F0003

 DD7B78

 350000

 FB9592

 0D0000

 FFB1AC

 000000

 FFCDC7

 FFE9E3

 862E31

 862E31

 862124

 863B3E

861317

86494B

86060A

865658

860005

866465

867172

867E7F

868C8C

869999

86A7A5

# Harmonies

## Analogous

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



842B52



862E31



783C14

# Triad

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



862E31



095825



00518F

# Complementary

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



862E31



2E8683

# 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.



005883



862E31



005B47

# Square

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



862E31



405305



005B68



434588

# Rectangle

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



862E31



694502



005B68



00548D



# Sweetspot

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



862E31



AD8B8C



822E86



574243



D6D6D6



575757



# Same Dimension

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



862E31



AD2429



86562E



423C3C



820004



030000



# Inverse Universe

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



862E31



AD2429



2E5E86



423C3C



820004



030000



# Previews

## White Background



This preview shows how the Hex color 862E31 looks on a white background.

## Color Contrast Check

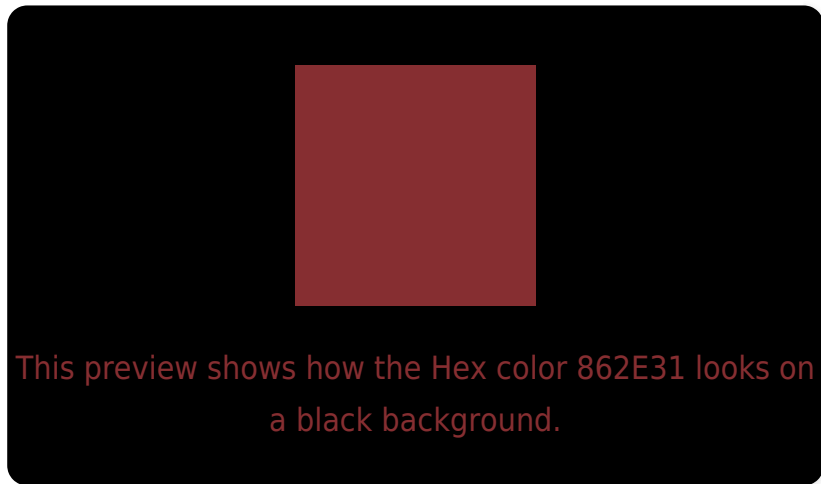
Large Text (above 18pt) WCAG AA ✓ Pass

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 862E31 Background



This preview shows how black text looks on a background with the Hex color 862E31.



This preview shows how white text looks on a background with the Hex color 862E31.

# 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**  
862E31

**Protanopia**  
524D3E

**Deuteranopia**  
5E4A2C



**Tritanopia**  
862E31

# Trichromacy



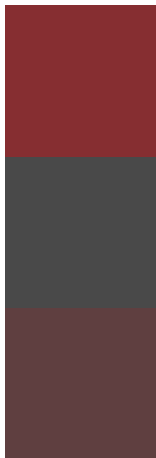
**Original Color**  
862E31

**Protanomaly**  
654239

**Deuteranomaly**  
6D402E

**Tritanomaly**  
862E31

# Monochromacy



**Original Color**  
862E31

**Achromatopsia**  
494949

**Achromatomaly**  
5F3F40

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 862E31 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 #862E31 looks like.

```
.text, #text, p{  
    color:#862E31  
}
```

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 #862E31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #862E31
}
```

## Border

The CSS property to change the border of an element to Hex 862E31 is called "border". The border property can be set on classes, ids or directly on the HTML element.

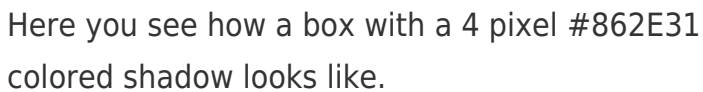
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#862E31 }
```

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

```
.border{ border-color:#862E31 }
```

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



Here you see how a box with a 4 pixel #862E31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #862E31; -webkit-box-shadow:4px 4px  
4px 4px #862E31; box-shadow:4px 4px 4px  
4px #862E31 }
```

# Background

The CSS property to change the background color of an element to Hex 862E31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#862E31 }
```

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

```
.background{ background-color:#862E31 }
```

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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