

# Converting Colors

Hex(862C13)

Have a look what the booklet for  
Hex(862C13) contains.

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**Color**

**Hex(862C13)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	862C13
RGB	134, 44, 19
RGB Percent	53%, 17%, 7%
CMY	0.4745, 0.8275, 0.9255
CMYK	0.00, 0.67, 0.86, 0.47
HSL	13°, 75%, 30%
HSV	13°, 86%, 53%
XYZ	10.8497, 6.9167, 1.3793
YIQ	68.0600, 61.6650, 11.3050

# Conversions

## Conversions Part 2

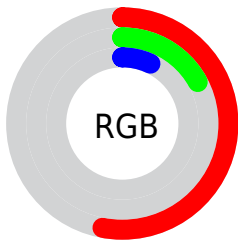
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	134, 51, 19
Decimal	8793107
CIE <sub>Lab</sub>	31.62, 37.30, 35.47
CIE <sub>LCh</sub>	32, 51.479, 43.560
Yxy	6.9167, 0.5667, 0.3613
Android (android.graphics.Color)	4286983187 (0xFF862C13)
YUV	68.0600, -24.1866, 57.8294
Hunter-Lab	26.2996, 27.6146, 15.3002

# Details

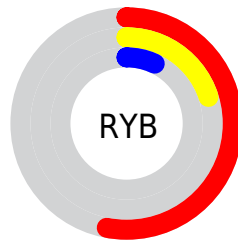
The Hex color **862C13** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **136D86**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **C15E40**, and **4D0000** is the 20% darker color. If you saturate the color by 10%, you get **862206**, and if you desaturate by 10%, it is **863620**.

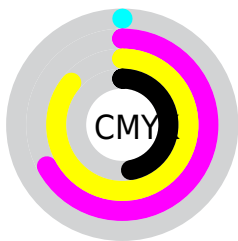
# Distribution



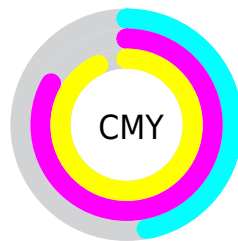
- Red (53%)
- Green (17%)
- Blue (7%)



- Red (53%)
- Yellow (20%)
- Blue (7%)



- Cyan (0%)
- Magenta (67%)
- Yellow (86%)
- Black (47%)



- Cyan (47%)
- Magenta (83%)
- Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 862C13 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 862C13 by changing the saturation by 10% instead.



 862C13

 862C13

 FFFFF9

 691100

 C15E40

 4D0000

 E07858

 330001

 FE9371

 030000

 FFAE8B

 000000

 FFCAA5

 FFE6C0

 FFFFDC

 862C13

 862C13

■ 862206

■ 863620

■ 861D00

■ 86412E

■ 864B3B

■ 865649

■ 866056

■ 866B63

■ 867571

■ 86807E

■ 868A8C

# Harmonies

## Analogous

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



90183A



862C13



6D4000

# Triad

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



862C13



005B32



00499A

# Complementary

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



862C13



136D86

# 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.



005598



862C13



005C5C

# Square

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



862C13



165703



005B82



623686

# Rectangle

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



862C13



574A00



005B82



004E9C



# Sweetspot

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



862C13



AD8A80



86136D



57423C



D6D6D6



575757



# Same Dimension

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



862C13



AD2600



866513



423D3C



821C00



030100



# Inverse Universe

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



136D86



0088AD



133486



3C4142



006682



000203



# Previews

## White Background



This preview shows how the Hex color 862C13 looks on a white background.

## Color Contrast Check

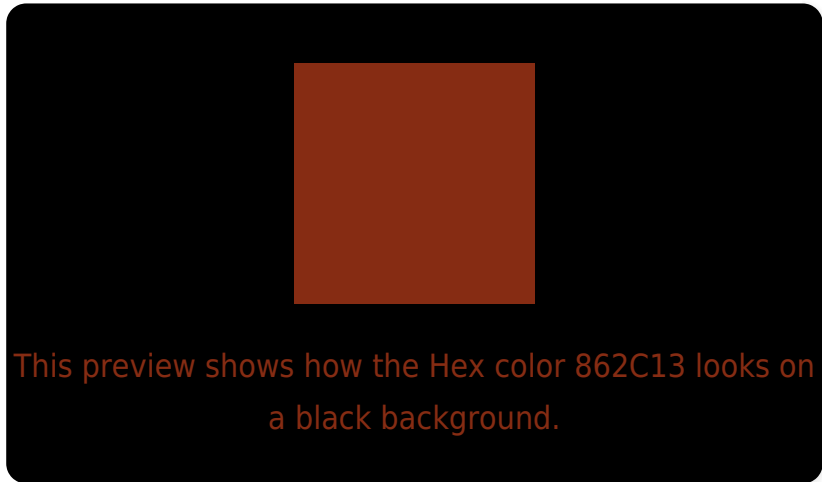
Large Text (above 18pt) WCAG AA ✓ Pass

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 862C13 Background



This preview shows how black text looks on a background with the Hex color 862C13.



This preview shows how white text looks on a background with the Hex color 862C13.

# 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



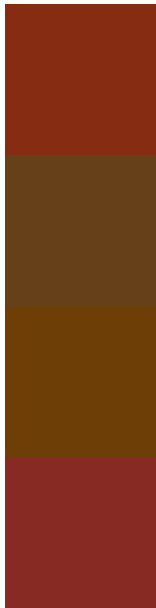
**Original Color**  
862C13

**Protanopia**  
544C1B

**Deuteranopia**  
604800



# Trichromacy



**Original Color**  
862C13

**Protanomaly**  
664018

**Deuteranomaly**  
6E3E07

**Tritanomaly**  
872A23

# Monochromacy



**Original Color**  
862C13

**Achromatopsia**  
444444

**Achromatomaly**  
5C3B32

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 862C13 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 #862C13 looks like.

```
.text, #text, p{  
    color:#862C13  
}
```

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 #862C13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #862C13
}
```

## Border

The CSS property to change the border of an element to Hex 862C13 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".

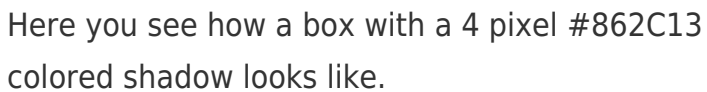
```
.border, #border, table{ border:4px solid
#862C13 }
```

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

```
.border{ border-color:#862C13 }
```

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

Here you see how a box with a 4 pixel #862C13 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #862C13; -webkit-box-shadow:4px 4px  
4px 4px #862C13; box-shadow:4px 4px 4px  
4px #862C13 }
```

# Background

The CSS property to change the background color of an element to Hex 862C13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#862C13 }
```

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

```
.background{ background-color:#862C13 }
```

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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