

# Converting Colors

Hex(862D1B)

Have a look what the booklet for  
Hex(862D1B) contains.

<b>Hex(862D1B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(862D1B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	862D1B
RGB	134, 45, 27
RGB Percent	53%, 18%, 11%
CMY	0.4745, 0.8235, 0.8941
CMYK	0.00, 0.66, 0.80, 0.47
HSL	10°, 66%, 32%
HSV	10°, 80%, 53%
XYZ	10.9677, 7.0242, 1.8147
YIQ	69.5590, 58.8220, 13.2700

# Conversions

## Conversions Part 2

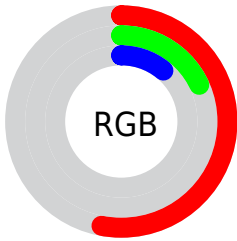
Format	Color
<a href="#">RYB</a>	<a href="#">134, 49, 27</a>
Decimal	<a href="#">8793371</a>
CIELab	<a href="#">31.86, 37.12, 31.43</a>
CIElCh	<a href="#">32, 48.643, 40.257</a>
Yxy	<a href="#">7.0242, 0.5537, 0.3546</a>
Android (android.graphics.Color)	<a href="#">4286983451</a> (0xFF862D1B)
YUV	<a href="#">69.5590, -20.9816, 56.5148</a>
Hunter-Lab	<a href="#">26.5033, 27.4871, 14.4928</a>

# Details

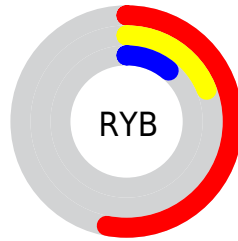
The Hex color **862D1B** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1B7486**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **C15F48**, and **4D0000** is the 20% darker color. If you saturate the color by 10%, you get **86220E**, and if you desaturate by 10%, it is **863828**.

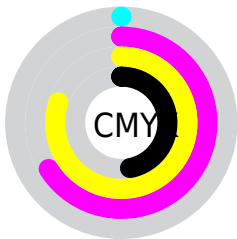
# Distribution



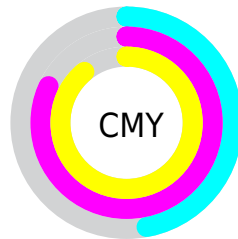
- Red (53%)
- Green (18%)
- Blue (11%)



- Red (53%)
- Yellow (19%)
- Blue (11%)



- Cyan (0%)
- Magenta (66%)
- Yellow (80%)
- Black (47%)



- Cyan (47%)
- Magenta (82%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 862D1B 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 862D1B by changing the saturation by 10% instead.



 862D1B

 862D1B

FFFFFF

 691203

 C15F48

 4D0000

 DF7960

 330001

 FD9479

 050000

 FFAF93

 000000

 FFCBAD

 FFE7C9

 FFFF E5

 862D1B

 862D1B

■ 86220E

■ 863828

■ 861700

■ 864336

■ 864E43

■ 865A51

■ 86655E

■ 86706B

■ 867B79

■ 868686

■ 869194

# Harmonies

## Analogous

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



8E1E40



862D1B



704000

# Triad

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



862D1B



005A2F



004B97

# Complementary

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



862D1B



1B7486

# 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.



005693



862D1B



005C57

# Square

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



862D1B



245605



005B7C



5C3A86

# Rectangle

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



862D1B



5B4900



005B7C



005098



# Sweetspot

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



862D1B



AD8B84



861B74



57423E



D6D6D6



575757



# Same Dimension

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



862D1B



AD2307



86621B



423D3C



821600



030000



# Inverse Universe

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



1B7486



0791AD



1B3F86



3C4142



006C82



000203



# Previews

## White Background



This preview shows how the Hex color 862D1B looks on a white background.

## Color Contrast Check

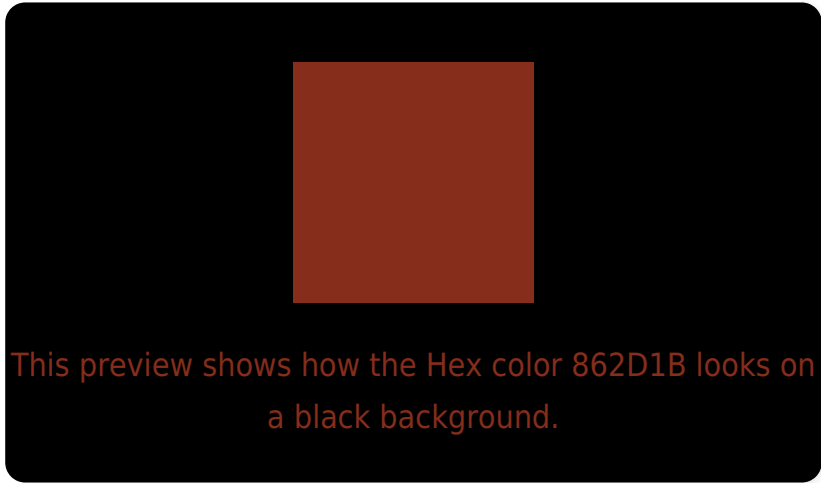
Large Text (above 18pt) WCAG AA ✓ Pass

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 862D1B Background



This preview shows how black text looks on a background with the Hex color 862D1B.

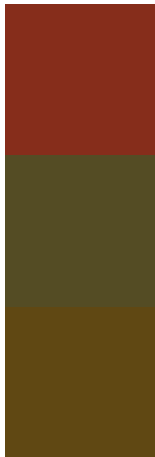


This preview shows how white text looks on a background with the Hex color 862D1B.

# 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**  
862D1B

**Protanopia**  
544C24

**Deuteranopia**  
604813



**Tritanopia**  
872B2D

# Trichromacy



**Original Color**  
862D1B

**Protanomaly**  
664121

**Deuteranomaly**  
6E3E16

**Tritanomaly**  
872C26

# Monochromacy



**Original Color**  
862D1B

**Achromatopsia**  
464646

**Achromatomaly**  
5D3D36

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 862D1B 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 #862D1B looks like.

```
.text, #text, p{  
    color:#862D1B  
}
```

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 #862D1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #862D1B
}
```

## Border

The CSS property to change the border of an element to Hex 862D1B is called "border". The border property can be set on classes, ids or directly on the HTML element.

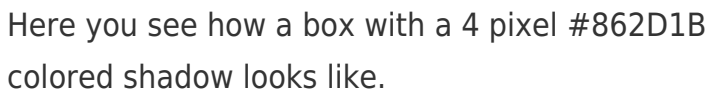
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#862D1B }
```

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

```
.border{ border-color:#862D1B }
```

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



Here you see how a box with a 4 pixel #862D1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #862D1B; -webkit-box-shadow:4px 4px  
4px 4px #862D1B; box-shadow:4px 4px 4px  
4px #862D1B }
```

# Background

The CSS property to change the background color of an element to Hex 862D1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#862D1B }
```

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

```
.background{ background-color:#862D1B }
```

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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