

# Converting Colors

Hex(842F24)

Have a look what the booklet for  
Hex(842F24) contains.

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**Color**

**Hex(842F24)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	842F24
RGB	132, 47, 36
RGB Percent	52%, 18%, 14%
CMY	0.4824, 0.8157, 0.8588
CMYK	0.00, 0.64, 0.73, 0.48
HSL	7°, 57%, 33%
HSV	7°, 73%, 52%
XYZ	10.8507, 7.0659, 2.4610
YIQ	71.1610, 54.1910, 14.5990

# Conversions

## Conversions Part 2

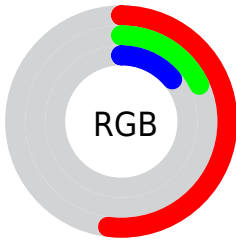
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	132, 48, 36
Decimal	8662820
CIELab	31.96, 35.85, 26.14
CIElCh	32, 44.362, 36.097
Yxy	7.0659, 0.5325, 0.3467
Android (android.graphics.Color)	4286852900 (0xFF842F24)
YUV	71.1610, -17.3344, 53.3558
Hunter-Lab	26.5818, 26.3453, 13.1180

# Details

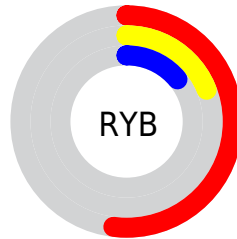
The Hex color **842F24** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **247984**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **BE6151**, and **4C0000** is the 20% darker color. If you saturate the color by 10%, you get **842317**, and if you desaturate by 10%, it is **843B31**.

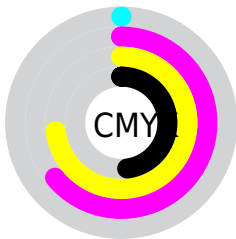
# Distribution



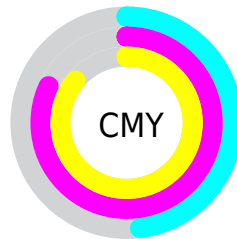
- Red (52%)
- Green (18%)
- Blue (14%)



- Red (52%)
- Yellow (19%)
- Blue (14%)



- Cyan (0%)
- Magenta (64%)
- Yellow (73%)
- Black (48%)



- Cyan (48%)
- Magenta (82%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 842F24 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 842F24 by changing the saturation by 10% instead.



 842F24

 842F24

FFFFFF

 68150F


 BE6151

 4C0000

 DC7B69

 320001

 FA9583

 030000

 FFB19D


 000000

 FFCDB8

 FFE9D3

 FFFFF0

 842F24

 842F24

■ 842317

■ 843B31

■ 84180A

■ 84463E

■ 840F00

■ 84524C

■ 845E59

■ 846966

■ 847573

■ 848180

■ 848D8E

■ 84989B

# Harmonies

## Analogous

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



882646



842F24



713F04

# Triad

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



842F24



00592D



004D91

# Complementary

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



842F24



247984

# 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.



00568B



842F24



005B52

# Square

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



842F24



305509



005A74



543F84

# Rectangle

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



842F24



5F4800



005A74



005191



# Sweetspot

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



842F24



AB8A85



84247A



574340



D6D6D6



575757



# Same Dimension

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



842F24



AB2716



845E24



423C3C



820F00



030000



# Inverse Universe

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



247984



169AAB



244A84



3C4242



007382



000203



# Previews

## White Background



This preview shows how the Hex color 842F24 looks on a white background.

## Color Contrast Check

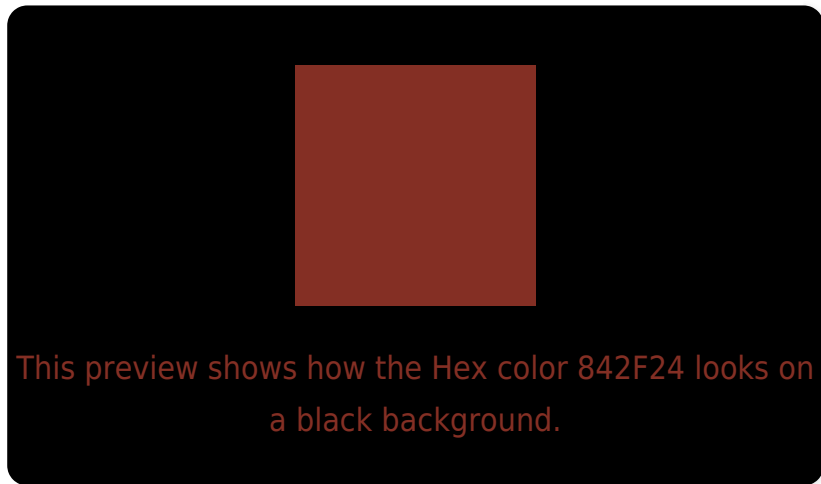
Large Text (above 18pt) WCAG AA ✓ Pass

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 842F24 Background



This preview shows how black text looks on a background with the Hex color 842F24.

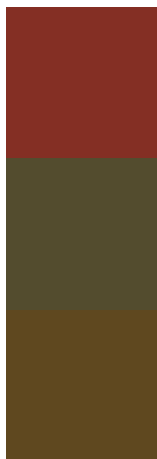


This preview shows how white text looks on a background with the Hex color 842F24.

# 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**  
842F24

**Protanopia**  
534C2E

**Deuteranopia**  
5F481F



**Tritanopia**  
842D30

# Trichromacy



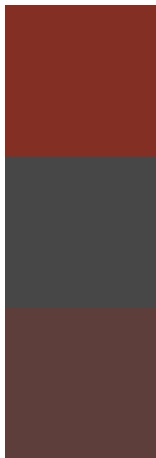
**Original Color**  
842F24

**Protanomaly**  
65412A

**Deuteranomaly**  
6C3F21

**Tritanomaly**  
842E2C

# Monochromacy



**Original Color**  
842F24

**Achromatopsia**  
474747

**Achromatomaly**  
5D3E3A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 842F24 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 #842F24 looks like.

```
.text, #text, p{  
    color:#842F24  
}
```

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 #842F24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #842F24
}
```

## Border

The CSS property to change the border of an element to Hex 842F24 is called "border". The border property can be set on classes, ids or directly on the HTML element.

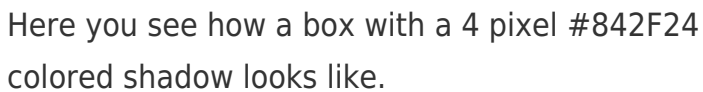
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#842F24 }
```

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

```
.border{ border-color:#842F24 }
```

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



Here you see how a box with a 4 pixel #842F24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #842F24; -webkit-box-shadow:4px 4px  
4px 4px #842F24; box-shadow:4px 4px 4px  
4px #842F24 }
```

# Background

The CSS property to change the background color of an element to Hex 842F24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#842F24 }
```

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

```
.background{ background-color:#842F24 }
```

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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