

# Converting Colors

Hex(812F3B)

Have a look what the booklet for  
Hex(812F3B) contains.

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**Color**

**Hex(812F3B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	812F3B
RGB	129, 47, 59
RGB Percent	51%, 18%, 23%
CMY	0.4941, 0.8157, 0.7686
CMYK	0.00, 0.64, 0.54, 0.49
HSL	351°, 47%, 35%
HSV	351°, 64%, 51%
XYZ	10.8592, 7.0159, 4.9195
YIQ	72.8860, 45.0200, 21.1160

# Conversions

## Conversions Part 2

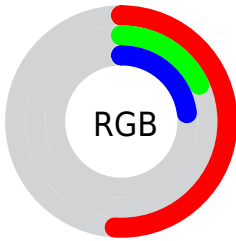
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 47, 59
Decimal	8466235
CIE Lab	31.84, 36.40, 11.25
CIE LCh	32, 38.098, 17.182
Yxy	7.0159, 0.4764, 0.3078
Android (android.graphics.Color)	4286656315 (0xFF812F3B)
YUV	72.8860, -6.8458, 49.2120
Hunter-Lab	26.4876, 26.8269, 7.5294

# Details

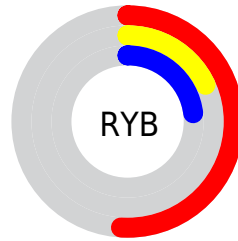
The Hex color **812F3B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2F8175**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **BA616A**, and **4B0011** is the 20% darker color. If you saturate the color by 10%, you get **812230**, and if you desaturate by 10%, it is **813C46**.

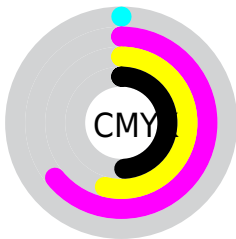
# Distribution



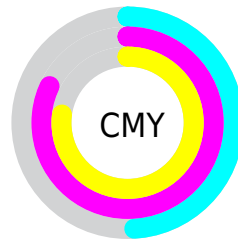
- Red (51%)
- Green (18%)
- Blue (23%)



- Red (51%)
- Yellow (18%)
- Blue (23%)



- Cyan (0%)
- Magenta (64%)
- Yellow (54%)
- Black (49%)




- Cyan (49%)
- Magenta (82%)
- Yellow (77%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 812F3B 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 812F3B by changing the saturation by 10% instead.



 812F3B

 812F3B

FFFFFF

 661525

 BA616A

 4B0011

 D77B83

 330001

 F4969D

 030000


 FFB1B8


 000000


 FFCDD4

 FFE9F0

 812F3B

 812F3B

 812230

 813C46

■ 811525

■ 814951

■ 81081A

■ 81565C

■ 810013

■ 816367

■ 817072

■ 817C7D

■ 818988

■ 819693

■ 81A39E

# Harmonies

## Analogous

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



7A3059



812F3B



783920

# Triad

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



812F3B



265520



005285

# Complementary

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



812F3B



2F8175

# 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.



005776



812F3B



00583D

# Square

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



812F3B



4A4F0A



00595C



324884

# Rectangle

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



812F3B



6C4111



00595C



005482



# Sweetspot

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



812F3B



A8888D



752F81



544144



D4D4D4



545454



# Same Dimension

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



812F3B



A8283B



814C2F



40393A



800013



000000



# Inverse Universe

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



812F3B



A8283B



2F6481



40393A



800013

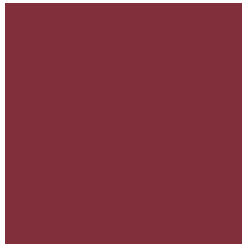


000000



# Previews

## White Background



This preview shows how the Hex color 812F3B looks on a white background.

## Color Contrast Check

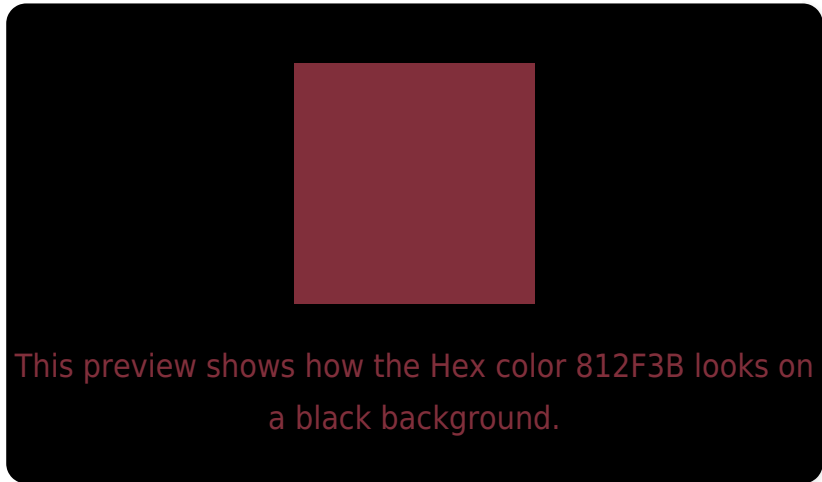
Large Text (above 18pt) WCAG AA ✓ Pass

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

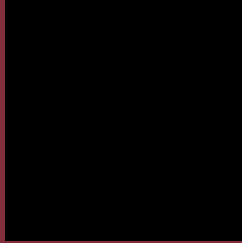
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 812F3B Background



This preview shows how black text looks on a background with the Hex color 812F3B.



This preview shows how white text looks on a background with the Hex color 812F3B.

# 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**  
812F3B

**Protanopia**  
4E4C49

**Deuteranopia**  
5A4937



# Trichromacy



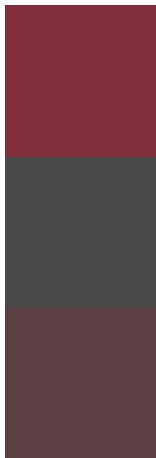
**Original Color**  
812F3B

**Protanomaly**  
614144

**Deuteranomaly**  
684038

**Tritanomaly**  
813036

# Monochromacy



**Original Color**  
812F3B

**Achromatopsia**  
494949

**Achromatomaly**  
5D4044

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 812F3B 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 #812F3B looks like.

```
.text, #text, p{  
    color:#812F3B  
}
```

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 #812F3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #812F3B }  
}
```

## Border

The CSS property to change the border of an element to Hex 812F3B is called "border". The border property can be set on classes, ids or directly on the HTML element.

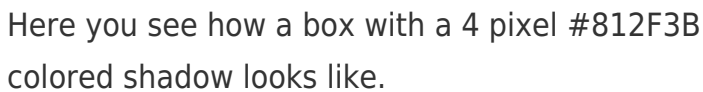
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #812F3B }  
}
```

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

```
.border{ border-color:#812F3B }
```

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



Here you see how a box with a 4 pixel #812F3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #812F3B; -webkit-box-shadow:4px 4px  
4px 4px #812F3B; box-shadow:4px 4px 4px  
4px #812F3B }
```

# Background

The CSS property to change the background color of an element to Hex 812F3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#812F3B }
```

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

```
.background{ background-color:#812F3B }
```

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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