

# Converting Colors

Hex(83182F)

Have a look what the booklet for  
Hex(83182F) contains.

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# Color

**Hex(83182F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83182F
RGB	131, 24, 47
RGB Percent	51%, 9%, 18%
CMY	0.4863, 0.9059, 0.8157
CMYK	0.00, 0.82, 0.64, 0.49
HSL	347°, 69%, 30%
HSV	347°, 82%, 51%
XYZ	10.1998, 5.6838, 3.2488
YIQ	58.6150, 56.3890, 29.8370

# Conversions

## Conversions Part 2

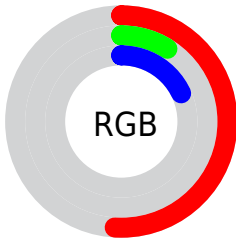
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 24, 47
Decimal	8591407
CIE <sub>Lab</sub>	28.60, 45.36, 14.86
CIE <sub>LCh</sub>	29, 47.735, 18.144
Yxy	5.6838, 0.5331, 0.2971
Android (android.graphics.Color)	4286781487 (0xFF83182F)
YUV	58.6150, -5.7262, 63.4816
Hunter-Lab	23.8407, 34.6466, 8.6089

# Details

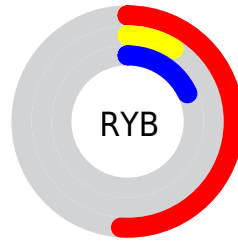
The Hex color **83182F** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **18836C**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **BD4F5D**, and **4B0000** is the 20% darker color. If you saturate the color by 10%, you get **830B25**, and if you desaturate by 10%, it is **832539**.

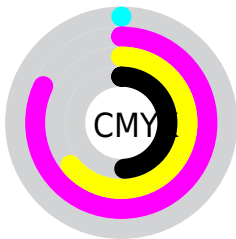
# Distribution



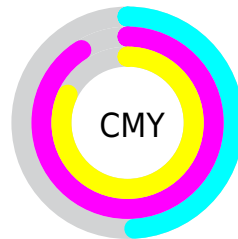
- Red (51%)
- Green (9%)
- Blue (18%)



- Red (51%)
- Yellow (9%)
- Blue (18%)



- Cyan (0%)
- Magenta (82%)
- Yellow (64%)
- Black (49%)



- Cyan (49%)
- Magenta (91%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 83182F 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 83182F by changing the saturation by 10% instead.



 83182F

 83182F

FFFFFF

 67001A

 BD4F5D

 4B0000

 DB6A75

 310002

 F9848F

 000000

 FFA0A9

 FFBC4

 FFD8E0

 FFF5FD

 83182F

 83182F

■ 830B25

■ 832539

■ 83001C

■ 833244

■ 833F4E

■ 834C58

■ 835962

■ 83676D

■ 837477

■ 838181

■ 838E8C

# Harmonies

## Analogous

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



7D1954



83182F



772B0B

# Triad

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



83182F



044F0A



004C8C

# Complementary

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



83182F



18836C

# 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.



00527A



83182F



005333

# Square

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



83182F



3E4800



005459



15408A

# Rectangle

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



83182F



683700



005459



004F88



# Sweetspot

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



83182F



AB8089



6C1883



573D42



D6D6D6



575757



# Same Dimension

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



83182F



AB0327



833618



423C3D



82001C



030001



# Inverse Universe

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



83182F



AB0327



186583



423C3D



82001C

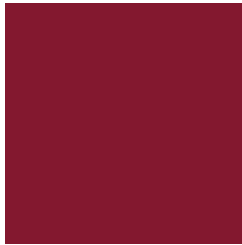


030001



# Previews

## White Background



This preview shows how the Hex color 83182F looks on a white background.

## Color Contrast Check

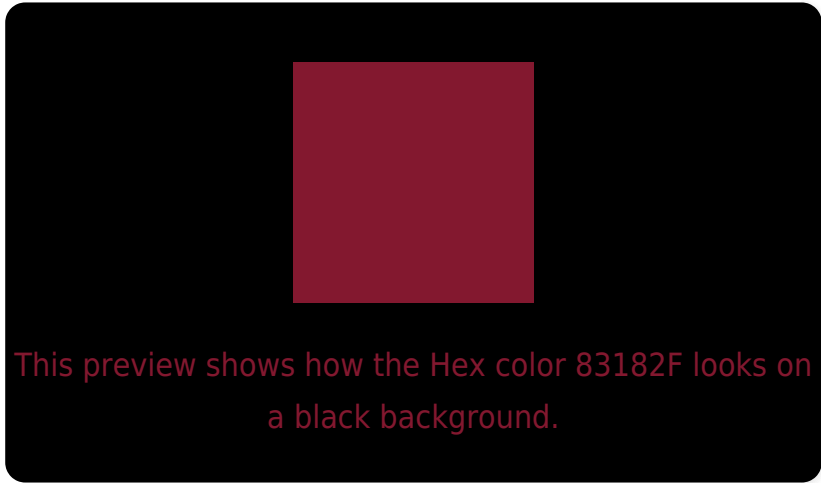
Large Text (above 18pt) WCAG AA ✓ Pass

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 83182F Background



This preview shows how black text looks on a background with the Hex color 83182F.



This preview shows how white text looks on a background with the Hex color 83182F.

# 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**  
83182F

**Protanopia**  
474542

**Deuteranopia**  
54422A



# Trichromacy



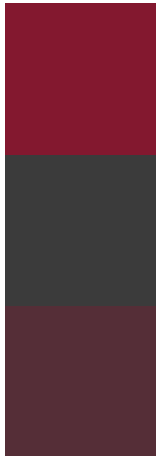
**Original Color**  
83182F

**Protanomaly**  
5D353B

**Deuteranomaly**  
65332C

**Tritanomaly**  
821B24

# Monochromacy



**Original Color**  
83182F

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
552E37

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 83182F 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 #83182F looks like.

```
.text, #text, p{  
    color:#83182F  
}
```

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 #83182F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83182F
}
```

## Border

The CSS property to change the border of an element to Hex 83182F is called "border". The border property can be set on classes, ids or directly on the HTML element.

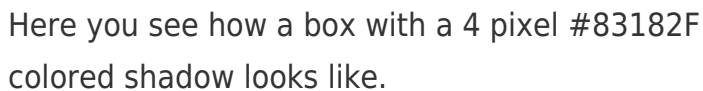
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#83182F }
```

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

```
.border{ border-color:#83182F }
```

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



Here you see how a box with a 4 pixel #83182F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83182F; -webkit-box-shadow:4px 4px  
4px 4px #83182F; box-shadow:4px 4px 4px  
4px #83182F }
```

# Background

The CSS property to change the background color of an element to Hex 83182F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83182F }
```

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

```
.background{ background-color:#83182F }
```

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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