

# Converting Colors

Hex(81292F)

Have a look what the booklet for  
Hex(81292F) contains.

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# Color

**Hex(81292F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	81292F
RGB	129, 41, 47
RGB Percent	51%, 16%, 18%
CMY	0.4941, 0.8392, 0.8157
CMYK	0.00, 0.68, 0.64, 0.49
HSL	356°, 52%, 33%
HSV	356°, 68%, 51%
XYZ	10.3593, 6.4582, 3.3899
YIQ	67.9960, 50.5220, 20.5220

# Conversions

## Conversions Part 2

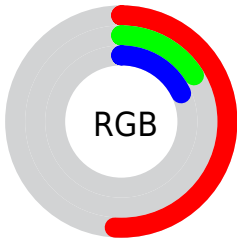
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 41, 47
Decimal	8464687
CIE Lab	30.54, 38.23, 17.32
CIE LCh	31, 41.974, 24.377
Yxy	6.4582, 0.5126, 0.3196
Android (android.graphics.Color)	4286654767 (0xFF81292F)
YUV	67.9960, -10.3510, 53.5005
Hunter-Lab	25.4131, 28.2902, 9.8803

# Details

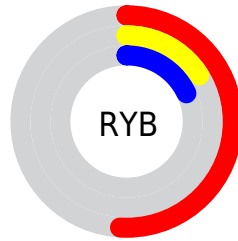
The Hex color **81292F** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **29817B**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **BA5C5D**, and **4A0000** is the 20% darker color. If you saturate the color by 10%, you get **811C23**, and if you desaturate by 10%, it is **81363B**.

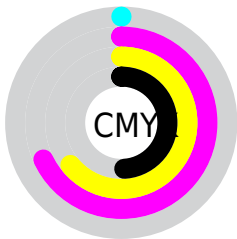
# Distribution



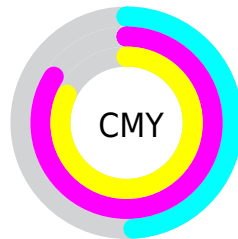
- Red (51%)
- Green (16%)
- Blue (18%)



- Red (51%)
- Yellow (16%)
- Blue (18%)



- Cyan (0%)
- Magenta (68%)
- Yellow (64%)
- Black (49%)



- Cyan (49%)
- Magenta (84%)
- Yellow (82%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 81292F 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 81292F by changing the saturation by 10% instead.



 81292F

 81292F

FFFFFF

 650D1A

 BA5C5D

 4A0000

 D87675

 320001

 F6908F


 000000

 FFABA9

 FFC7C5

 FFE4E1

FFFFFFD

 81292F

 81292F

■ 811C23

■ 81363B

■ 810F17

■ 814347

■ 81020B

■ 815053

■ 810009

■ 815D5F

■ 816A6B

■ 817677

■ 818383

■ 81908F

■ 819D9B

# Harmonies

## Analogous

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



7F2650



81292F



743711

# Triad

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



81292F



09541F



004E89

# Complementary

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



81292F



29817B

# 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.



00547D



81292F



005640

# Square

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



81292F



3D4E00



005762



3A4284

# Rectangle

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



81292F



654000



005762



005087



# Sweetspot

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



81292F



A88789



7A2981



544041



D4D4D4



545454



# Same Dimension

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



81292F



A81E28



814E29



40393A



800009



000000



# Inverse Universe

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



81292F



A81E28



295C81



40393A



800009

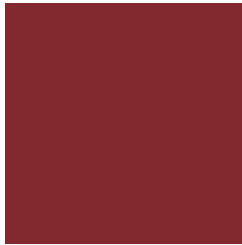


000000



# Previews

## White Background



This preview shows how the Hex color 81292F 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 81292F Background



This preview shows how black text looks on a background with the Hex color 81292F.

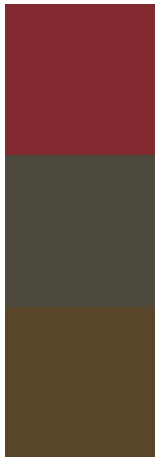


This preview shows how white text looks on a background with the Hex color 81292F.

# 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**  
81292F

**Protanopia**  
4D493C

**Deuteranopia**  
59462A



# Trichromacy



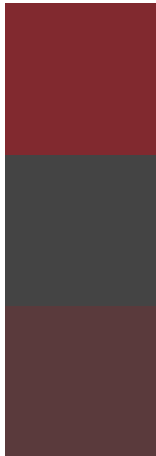
**Original Color**  
81292F

**Protanomaly**  
603D37

**Deuteranomaly**  
683B2C

**Tritanomaly**  
812A2D

# Monochromacy



**Original Color**  
81292F

**Achromatopsia**  
444444

**Achromatomaly**  
5A3A3C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 81292F 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 #81292F looks like.

```
.text, #text, p{  
    color:#81292F  
}
```

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 #81292F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81292F
}
```

## Border

The CSS property to change the border of an element to Hex 81292F is called "border". The border property can be set on classes, ids or directly on the HTML element.

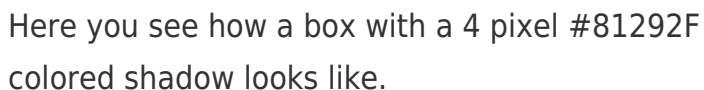
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#81292F }
```

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

```
.border{ border-color:#81292F }
```

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



Here you see how a box with a 4 pixel #81292F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81292F; -webkit-box-shadow:4px 4px  
4px 4px #81292F; box-shadow:4px 4px 4px  
4px #81292F }
```

# Background

The CSS property to change the background color of an element to Hex 81292F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81292F }
```

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

```
.background{ background-color:#81292F }
```

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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