

Converting Colors

Hex(81182D)

Have a look what the booklet for
Hex(81182D) contains.

Hex(81182D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(81182D)

Conversions

Conversions Part 1

Format	Color
Hex	81182D
RGB	129, 24, 45
RGB Percent	51%, 9%, 18%
CMY	0.4941, 0.9059, 0.8235
CMYK	0.00, 0.81, 0.65, 0.49
HSL	348°, 69%, 30%
HSV	348°, 81%, 51%
XYZ	9.8535, 5.5099, 3.0268
YIQ	57.7890, 55.8390, 28.7910

Conversions

Conversions Part 2

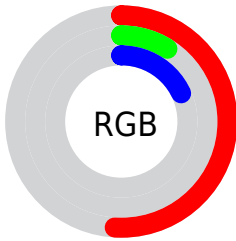
Format	Color
R_{YB}	129, 24, 45
Decimal	8460333
CIE Lab	28.14, 44.62, 15.52
CIE LCh	28, 47.245, 19.176
Yxy	5.5099, 0.5358, 0.2996
Android (android.graphics.Color)	4286650413 (0xFF81182D)
YUV	57.7890, -6.3050, 62.4520
Hunter-Lab	23.4731, 33.8530, 8.7859

Details

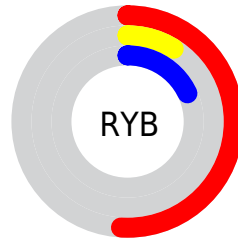
The Hex color **81182D** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **18816C**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **BB4F5A**, and **490000** is the 20% darker color. If you saturate the color by 10%, you get **810B23**, and if you desaturate by 10%, it is **812537**.

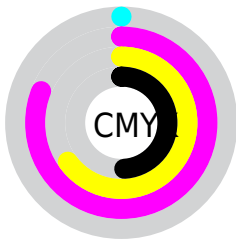
Distribution



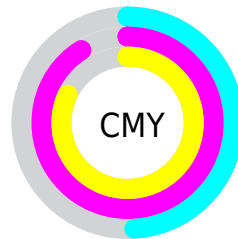
- Red (51%)
- Green (9%)
- Blue (18%)



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



- Cyan (0%)
- Magenta (81%)
- Yellow (65%)
- Black (49%)




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

Brightness & Saturation Gradients

These gradients show how the Hex color 81182D 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 81182D by changing the saturation by 10% instead.

 81182D

 81182D

FFFFFF

 650019

 BB4F5A

 490000

 D96973

 300002

 F7848C


 000000


 FF9FA7

 FFBBC2

 FFD7DE

 FFF4FA

 81182D

 81182D

■ 810B23

■ 812537

■ 81001A

■ 813242

■ 813F4C

■ 814C56

■ 815961

■ 81656B

■ 817275

■ 817F80

■ 818C8A

Harmonies

Analogous

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



7C1851



81182D



752B09

Triad

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



81182D



004E0C



004B8A

Complementary

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



81182D



18816C

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.



005179



81182D



005134

Square

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



81182D



3C4800



005259



1A3F88

Rectangle

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



81182D



663700



005259



004D87

Sweetspot

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



81182D



A88088



6C1881



543C41



D4D4D4



545454

Same Dimension

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



81182D



A80324



813718



40393B



80001A



000000

Inverse Universe

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



81182D



A80324



186181



40393B



80001A



000000

Previews

White Background



This preview shows how the Hex color 81182D looks on a white background.

Color Contrast Check

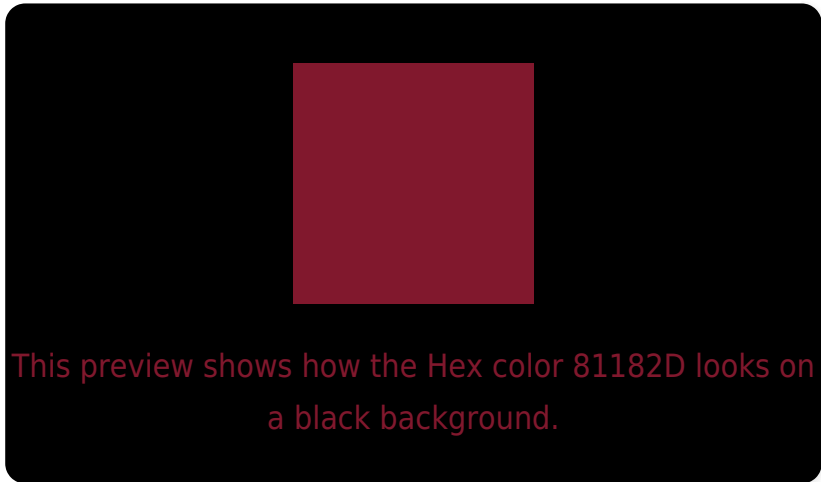
Large Text (above 18pt) WCAG AA ✓ Pass

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 81182D Background



This preview shows how black text looks on a background with the Hex color 81182D.



This preview shows how white text looks on a background with the Hex color 81182D.

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
81182D

Protanopia
47443F

Deuteranopia
534128

Trichromacy



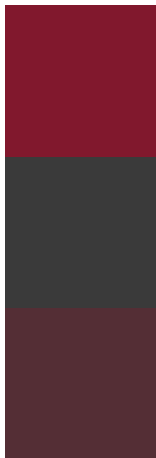
Original Color
81182D

Protanomaly
5C3438

Deuteranomaly
64322A

Tritanomaly
801B22

Monochromacy



Original Color
81182D

Achromatopsia
3A3A3A

Achromatomaly
542E35

CSS Examples

Text

The CSS property to change the color of the text to Hex 81182D 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 #81182D looks like.

```
.text, #text, p{  
    color:#81182D  
}
```

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 #81182D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81182D
}
```

Border

The CSS property to change the border of an element to Hex 81182D 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".

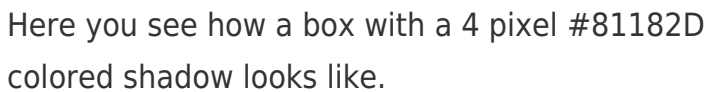
```
.border, #border, table{ border:4px solid
#81182D }
```

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

```
.border{ border-color:#81182D }
```

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

Here you see how a box with a 4 pixel #81182D colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #81182D colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81182D; -webkit-box-shadow:4px 4px  
4px 4px #81182D; box-shadow:4px 4px 4px  
4px #81182D }
```

Background

The CSS property to change the background color of an element to Hex 81182D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81182D }
```

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

```
.background{ background-color:#81182D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor