

Converting Colors

Hex(81185B)

Have a look what the booklet for
Hex(81185B) contains.

Hex(81185B)	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(81185B)

Conversions

Conversions Part 1

Format	Color
Hex	81185B
RGB	129, 24, 91
RGB Percent	51%, 9%, 36%
CMY	0.4941, 0.9059, 0.6431
CMYK	0.00, 0.81, 0.29, 0.49
HSL	322°, 69%, 30%
HSV	322°, 81%, 51%
XYZ	11.2682, 6.0757, 10.4764
YIQ	63.0330, 41.0730, 43.0970

Conversions

Conversions Part 2

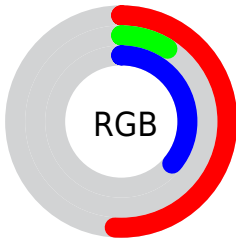
Format	Color
R_{YB}	129, 24, 91
Decimal	8460379
CIE _{Lab}	29.60, 49.06, -13.02
CIE _{LCh}	30, 50.762, 345.137
Yxy	6.0757, 0.4050, 0.2184
Android (android.graphics.Color)	4286650459 (0xFF81185B)
YUV	63.0330, 13.7877, 57.8531
Hunter-Lab	24.6490, 38.4651, -7.9453

Details

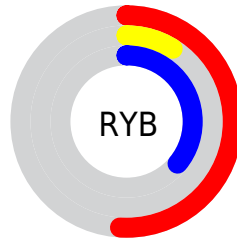
The Hex color **81185B** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **18813E**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **B9518D**, and **4B002D** is the 20% darker color. If you saturate the color by 10%, you get **810B56**, and if you desaturate by 10%, it is **812560**.

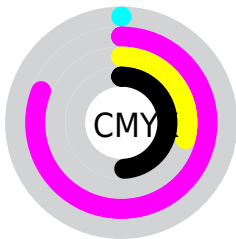
Distribution



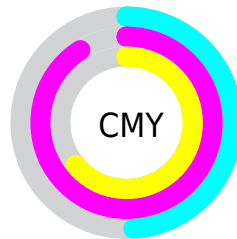
- Red (51%)
- Green (9%)
- Blue (36%)



- Red (51%)
- Yellow (9%)
- Blue (36%)



- Cyan (0%)
- Magenta (81%)
- Yellow (29%)
- Black (49%)



- Cyan (49%)
- Magenta (91%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81185B 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 81185B by changing the saturation by 10% instead.

81185B

81185B

FFFFFF

660043

B9518D

4B002D

D66BA8

340019

F486C3

0B0000

FFA2DF

000000

FFBEFB

FFDAFF

FFF7FF

81185B

81185B

■ 810B56

■ 812560

■ 810052

■ 813264

■ 813F69

■ 814C6E

■ 815972

■ 816577

■ 81727C

■ 817F80

■ 818C85

Harmonies

Analogous

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



5F307E



81185B



8A1334

Triad

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



81185B



444A00



00557D

Complementary

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



81185B



18813E

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.



005759



81185B



0B5202

Square

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



81185B



663D00



005530



005093

Rectangle

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



81185B



84211B



005530



005672

Sweetspot

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



81185B



A8809A



3D1881



543C4B



D4D4D4



545454

Same Dimension

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



81185B



A8036D



811828



40393D



800051



000000

Inverse Universe

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



81185B



A8036D



188171



40393D



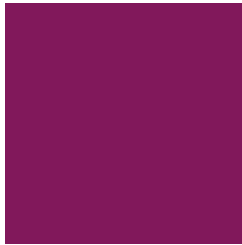
800051



000000

Previews

White Background



This preview shows how the Hex color 81185B looks on a white background.

Color Contrast Check

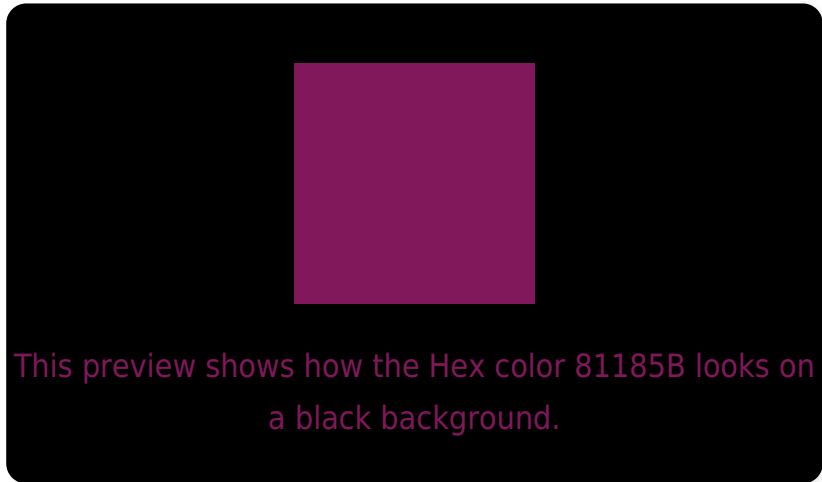
Large Text (above 18pt) WCAG AA ✓ Pass

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

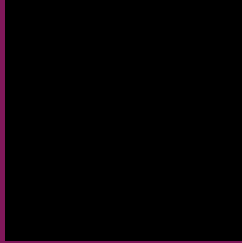
Any Text WCAG AA × Fail

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 81185B Background



This preview shows how black text looks on a background with the Hex color 81185B.



This preview shows how white text looks on a background with the Hex color 81185B.

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





Tritanopia
7D292B

Trichromacy



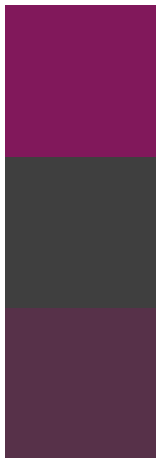
Original Color
81185B

Protanomaly
4D3570

Deuteranomaly
5D3557

Tritanomaly
7E233C

Monochromacy



Original Color
81185B

Achromatopsia
3F3F3F

Achromatomaly
573149

CSS Examples

Text

The CSS property to change the color of the text to Hex 81185B 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 #81185B looks like.

```
.text, #text, p{  
    color:#81185B  
}
```

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 #81185B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81185B
}
```

Border

The CSS property to change the border of an element to Hex 81185B is called "border". The border property can be set on classes, ids or directly on the HTML element.

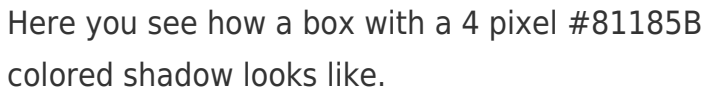
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#81185B }
```

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

```
.border{ border-color:#81185B }
```

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



Here you see how a box with a 4 pixel #81185B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81185B; -webkit-box-shadow:4px 4px  
4px 4px #81185B; box-shadow:4px 4px 4px  
4px #81185B }
```

Background

The CSS property to change the background color of an element to Hex 81185B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81185B }
```

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

```
.background{ background-color:#81185B }
```

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