

Converting Colors

Hex(81071C)

Have a look what the booklet for
Hex(81071C) contains.

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Color

Hex(81071C)

Conversions

Conversions Part 1

Format	Color
Hex	81071C
RGB	129, 7, 28
RGB Percent	51%, 3%, 11%
CMY	0.4941, 0.9725, 0.8902
CMYK	0.00, 0.95, 0.78, 0.49
HSL	350°, 90%, 27%
HSV	350°, 95%, 51%
XYZ	9.3388, 4.9029, 1.5528
YIQ	45.8720, 65.9710, 32.3950

Conversions

Conversions Part 2

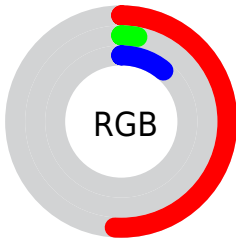
Format	Color
R_{YB}	129, 7, 28
Decimal	8455964
CIE _{Lab}	26.46, 47.72, 24.70
CIE _{LCh}	26, 53.734, 27.367
Yxy	4.9029, 0.5913, 0.3104
Android (android.graphics.Color)	4286646044 (0xFF81071C)
YUV	45.8720, -8.8109, 72.9033
Hunter-Lab	22.1425, 36.5347, 11.3420

Details

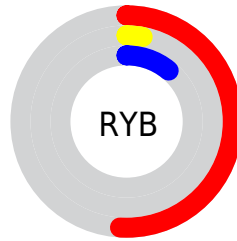
The Hex color **81071C** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **07816C**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **BC4647**, and **470000** is the 20% darker color. If you saturate the color by 10%, you get **810016**, and if you desaturate by 10%, it is **811427**.

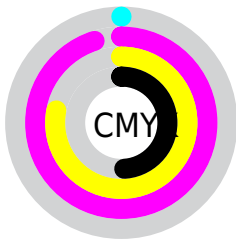
Distribution



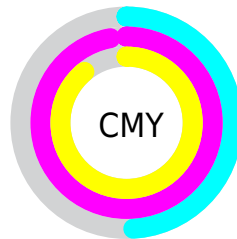
- Red (51%)
- Green (3%)
- Blue (11%)



- Red (51%)
- Yellow (3%)
- Blue (11%)



- Cyan (0%)
- Magenta (95%)
- Yellow (78%)
- Black (49%)




- Cyan (49%)
- Magenta (97%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81071C 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 81071C by changing the saturation by 10% instead.

 81071C

 81071C

FFFFFF

 640003

 BC4647

 470000

 DB615F

 2C0001

 FA7C78


 000000


 FF9792

 FFB3AC

 FFCFC8

 FFECE4

 81071C

 81071C

■ 810016

■ 811427

■ 812131

■ 812E3C

■ 813B47

■ 814851

■ 81545C

■ 816167

■ 816E71

■ 817B7C

Harmonies

Analogous

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



820044



81071C



6F2900

Triad

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



81071C



004C0C



004592

Complementary

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



81071C



07816C

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.



004D84



81071C



004F3A

Square

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



81071C



294700



004F63



2C3588

Rectangle

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



81071C



5C3700



004F63



004990

Sweetspot

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



81071C



A87981



6B0781



54383C



D4D4D4



545454

Same Dimension

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



81071C



A8001D



812E07



40393A



800016



000000

Inverse Universe

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



81071C



A8001D



075A81



40393A



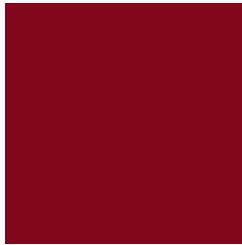
800016



000000

Previews

White Background



This preview shows how the Hex color 81071C looks on a white background.

Color Contrast Check

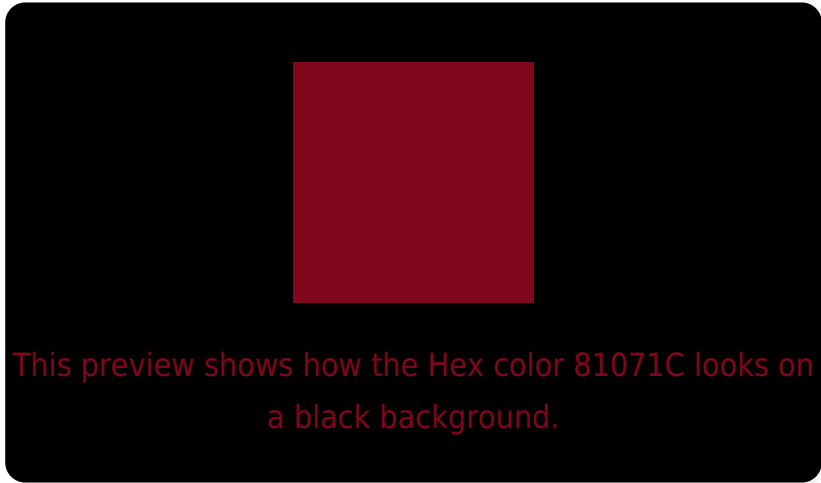
Large Text (above 18pt) WCAG AA ✓ Pass

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 81071C Background



This preview shows how black text looks on a background with the Hex color 81071C.



This preview shows how white text looks on a background with the Hex color 81071C.

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
81071C

Protanopia
47422B

Deuteranopia
523E13



Tritanopia
810D08

Trichromacy



Original Color
81071C

Protanomaly
5C2D26

Deuteranomaly
632A16

Tritanomaly
810B0F

Monochromacy



Original Color
81071C

Achromatopsia
2E2E2E

Achromatomaly
4C2027

CSS Examples

Text

The CSS property to change the color of the text to Hex 81071C 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 #81071C looks like.

```
.text, #text, p{  
    color:#81071C  
}
```

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 #81071C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81071C
}
```

Border

The CSS property to change the border of an element to Hex 81071C is called "border". The border property can be set on classes, ids or directly on the HTML element.

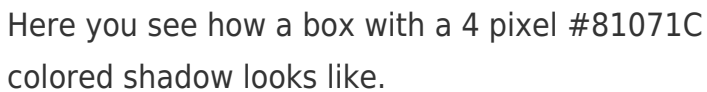
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#81071C }
```

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

```
.border{ border-color:#81071C }
```

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



Here you see how a box with a 4 pixel #81071C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81071C; -webkit-box-shadow:4px 4px  
4px 4px #81071C; box-shadow:4px 4px 4px  
4px #81071C }
```

Background

The CSS property to change the background color of an element to Hex 81071C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81071C }
```

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

```
.background{ background-color:#81071C }
```

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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