

Converting Colors

Hex(081B01)

Have a look what the booklet for
Hex(081B01) contains.

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Color

Hex(081B01)

Conversions

Conversions Part 1

Format	Color
Hex	081B01
RGB	8, 27, 1
RGB Percent	3%, 11%, 0%
CMY	0.9686, 0.8941, 0.9961
CMYK	0.70, 0.00, 0.96, 0.89
HSL	104°, 93%, 5%
HSV	104°, 96%, 11%
XYZ	0.4976, 0.8377, 0.1642
YIQ	18.3550, -2.9780, -12.1140

Conversions

Conversions Part 2

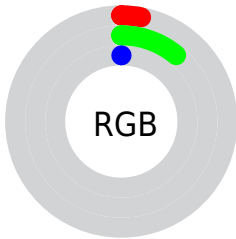
Format	Color
R_{YB}	1, 27, 20
Decimal	531201
CIE Lab	7.57, -12.23, 10.70
CIE LCh	8, 16.251, 138.832
Yxy	0.8377, 0.3318, 0.5587
Android (android.graphics.Color)	4278721281 (0xFF081B01)
YUV	18.3550, -8.5560, -9.0813
Hunter-Lab	9.1525, -6.3132, 5.3432

Details

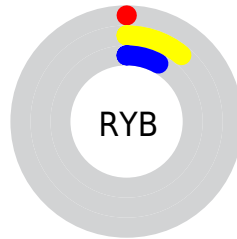
The Hex color **081B01** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **14011B**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **344630**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **071B00**, and if you desaturate by 10%, it is **0A1B04**.

Distribution



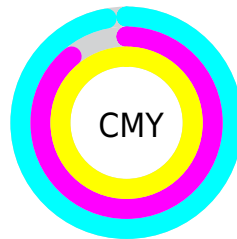
- Red (3%)
- Green (11%)
- Blue (0%)



- Red (0%)
- Yellow (11%)
- Blue (8%)



- Cyan (70%)
- Magenta (0%)
- Yellow (96%)
- Black (89%)



- Cyan (97%)
- Magenta (89%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 081B01 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 081B01 by changing the saturation by 10% instead.

081B01

081B01

E8FEE3

000000

344630

4A5E47

62765F

7B9077

95AA91

B0C6AC

CCE2C7

081B01

081B01

■ 071B00

■ 0A1B04

■ 0C1B06

■ 0E1B09

■ 101B0C

■ 121B0F

■ 141B11

■ 161B14

■ 181B17

■ 1A1B19

Harmonies

Analogous

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



171800



081B01



001D12

Triad

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



081B01



00192C



2B0D0F

Complementary

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



081B01



14011B

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.



280E1B



081B01



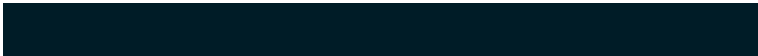
10152B

Square

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



081B01



001C27



201125



291000

Rectangle

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



081B01



001D1A



201125



2A0D14

Sweetspot

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



081B01



1C2419



1B1401



0D120C



919191



121212

Same Dimension

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



081B01



0A2400



011B07



0C0D0B



154D00



37CC00

Inverse Universe

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



14011B



1A0024



1B0115



0C0B0D



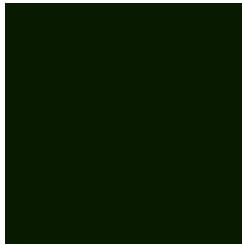
38004D



9500CC

Previews

White Background



This preview shows how the Hex color 081B01 looks on a white background.

Color Contrast Check

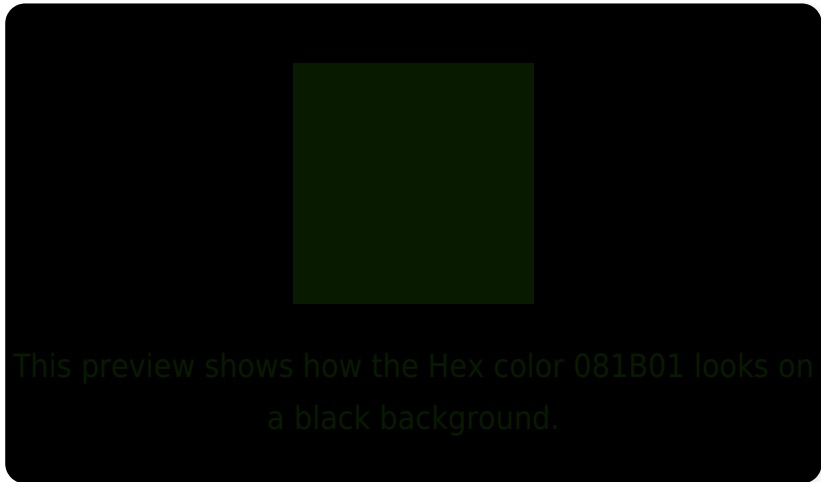
Large Text (above 18pt) WCAG AA ✓ Pass

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

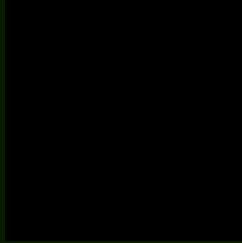
Any Text WCAG AA × Fail

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 081B01 Background



This preview shows how black text looks on a background with the Hex color 081B01.



This preview shows how white text looks on a background with the Hex color 081B01.

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](#).

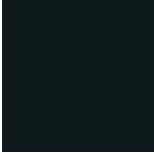
Dichromacy



Original Color
081B01

Protanopia
1A1700

Deuteranopia
1D1606



Tritanopia
0D191B

Trichromacy



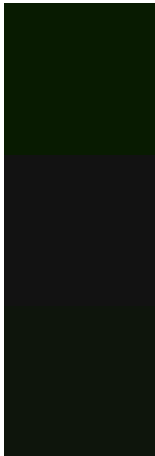
Original Color
081B01

Protanomaly
131800

Deuteranomaly
151804

Tritanomaly
0B1A12

Monochromacy



Original Color
081B01

Achromatopsia
121212

Achromatomaly
0E150C

CSS Examples

Text

The CSS property to change the color of the text to Hex 081B01 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 #081B01 looks like.

```
.text, #text, p{  
    color:#081B01  
}
```

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 #081B01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #081B01
}
```

Border

The CSS property to change the border of an element to Hex 081B01 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".

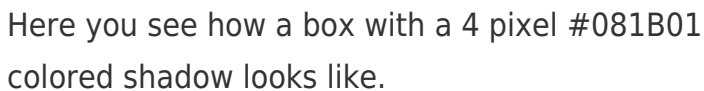
```
.border, #border, table{ border:4px solid
#081B01 }
```

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

```
.border{ border-color:#081B01 }
```

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

Here you see how a box with a 4 pixel #081B01 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #081B01; -webkit-box-shadow:4px 4px  
4px 4px #081B01; box-shadow:4px 4px 4px  
4px #081B01 }
```

Background

The CSS property to change the background color of an element to Hex 081B01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#081B01 }
```

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

```
.background{ background-color:#081B01 }
```

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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