

# Converting Colors

Hex(081C2B)

Have a look what the booklet for  
Hex(081C2B) contains.

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# Color

**Hex(081C2B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	081C2B
RGB	8, 28, 43
RGB Percent	3%, 11%, 17%
CMY	0.9686, 0.8902, 0.8314
CMYK	0.81, 0.35, 0.00, 0.83
HSL	206°, 69%, 10%
HSV	206°, 81%, 17%
XYZ	0.9514, 1.0565, 2.4393
YIQ	23.7300, -16.7350, 0.4250

# Conversions

## Conversions Part 2

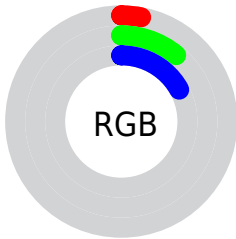
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	8, 21, 43
Decimal	531499
CIE Lab	9.45, -1.96, -12.49
CIE LCh	9, 12.647, 261.099
Yxy	1.0565, 0.2139, 0.2376
Android (android.graphics.Color)	4278721579 (0xFF081C2B)
YUV	23.7300, 9.5001, -13.7952
Hunter-Lab	10.2789, -1.4656, -6.8750

# Details

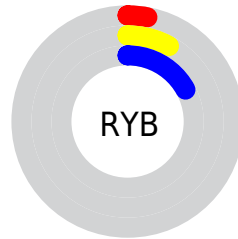
The Hex color **081C2B** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **2B1708**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **364759**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **041A2B**, and if you desaturate by 10%, it is **0C1E2B**.

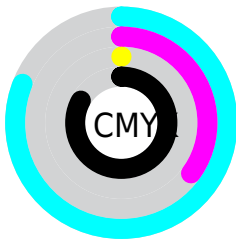
# Distribution



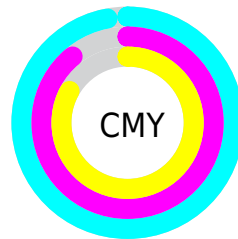
- Red (3%)
- Green (11%)
- Blue (17%)



- Red (3%)
- Yellow (8%)
- Blue (17%)



- Cyan (81%)
- Magenta (35%)
- Yellow (0%)
- Black (83%)



- Cyan (97%)
- Magenta (89%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 081C2B 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 081C2B by changing the saturation by 10% instead.



■ 081C2B

■ 081C2B

■ EDFFFF

■ 000117

■ 364759

■ 000000

■ 4D5F71

■ 66778A

■ 7F91A5

■ 99ACC0

■ B4C7DC

■ D0E3F8

■ 081C2B

■ 081C2B

■ 041A2B

■ 0C1E2B

■ 00192B

■ 11202B

■ 15222B

■ 19232B

■ 1E252B

■ 22272B

■ 26292B

■ 2A2B2B

■ 2F2D2B

# Harmonies

## Analogous

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



001E27



081C2B



17192A

# Triad

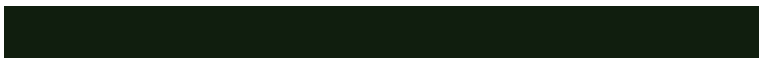
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



081C2B



2B1415



101E0E

# Complementary

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



081C2B



2B1708

# 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.



1B1C05



081C2B



28160B

# Square

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



081C2B



29141D



231904



041F17

# Rectangle

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



081C2B



1F1727



231904



141D0B



# Sweetspot

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



081C2B



2B3238



082B17



14191C



9C9C9C



1C1C1C



# Same Dimension

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



081C2B



012138



080B2B



121414



003054



0079D4



# Inverse Universe

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



2B081C



380121



2B2808



141214



540030

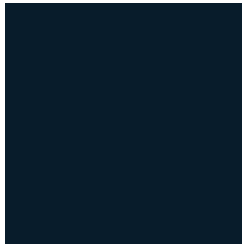


D40079



# Previews

## White Background



This preview shows how the Hex color 081C2B looks on a white background.

## Color Contrast Check

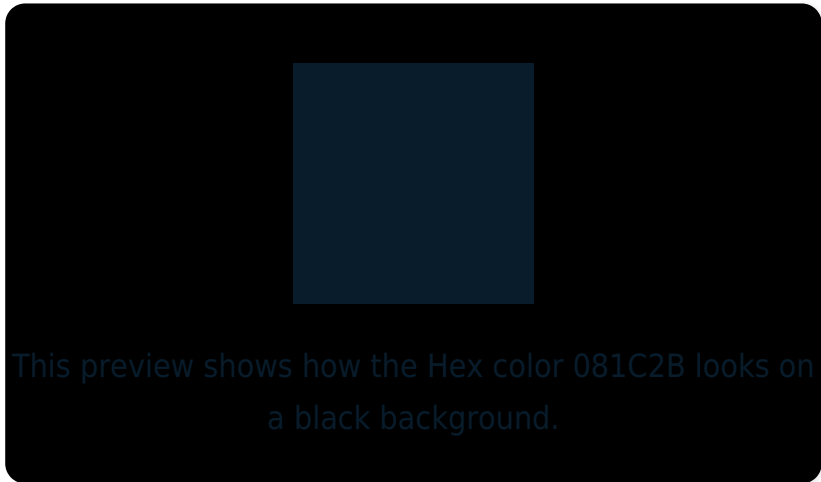
Large Text (above 18pt) WCAG AA ✓ Pass

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

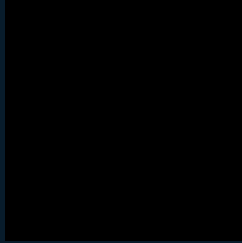
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 081C2B Background



This preview shows how black text looks on a background with the Hex color 081C2B.



This preview shows how white text looks on a background with the Hex color 081C2B.

# 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**  
081C2B

**Protanopia**  
151A29

**Deuteranopia**  
111B2B



**Tritanopia**  
001E20

# Trichromacy



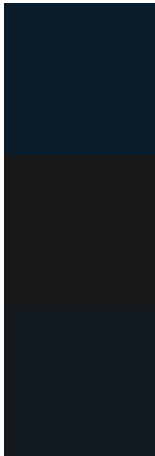
**Original Color**  
081C2B

**Protanomaly**  
101B2A

**Deuteranomaly**  
0E1B2B

**Tritanomaly**  
031D24

# Monochromacy



**Original Color**  
081C2B

**Achromatopsia**  
181818

**Achromatomaly**  
12191F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 081C2B 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 #081C2B looks like.

```
.text, #text, p{  
    color:#081C2B  
}
```

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 #081C2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #081C2B
}
```

## Border

The CSS property to change the border of an element to Hex 081C2B is called "border". The border property can be set on classes, ids or directly on the HTML element.

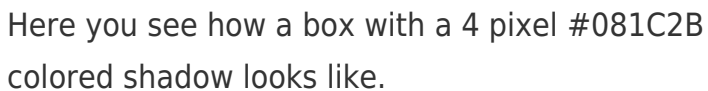
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#081C2B }
```

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

```
.border{ border-color:#081C2B }
```

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



Here you see how a box with a 4 pixel #081C2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #081C2B; -webkit-box-shadow:4px 4px  
4px 4px #081C2B; box-shadow:4px 4px 4px  
4px #081C2B }
```

# Background

The CSS property to change the background color of an element to Hex 081C2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#081C2B }
```

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

```
.background{ background-color:#081C2B }
```

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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