

Converting Colors

Hex(081B26)

Have a look what the booklet for
Hex(081B26) contains.

Hex(081B26)	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(081B26)

Conversions

Conversions Part 1

Format	Color
Hex	081B26
RGB	8, 27, 38
RGB Percent	3%, 11%, 15%
CMY	0.9686, 0.8941, 0.8510
CMYK	0.79, 0.29, 0.00, 0.85
HSL	202°, 65%, 9%
HSV	202°, 79%, 15%
XYZ	0.8419, 0.9754, 1.9776
YIQ	22.5730, -14.8550, -0.6070

Conversions

Conversions Part 2

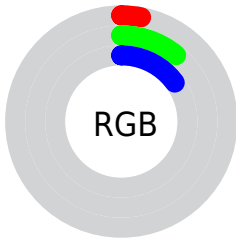
Format	Color
RYB	8, 20, 38
Decimal	531238
CIELab	8.79, -3.38, -9.84
CIElCh	9, 10.403, 251.052
Yxy	0.9754, 0.2219, 0.2570
Android (android.graphics.Color)	4278721318 (0xFF081B26)
YUV	22.5730, 7.6055, -12.7805
Hunter-Lab	9.8764, -2.0672, -4.9586

Details

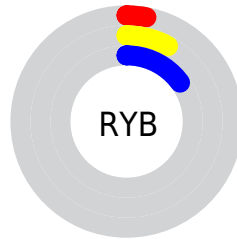
The Hex color **081B26** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **261308**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **344653**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **041A26**, and if you desaturate by 10%, it is **0C1C26**.

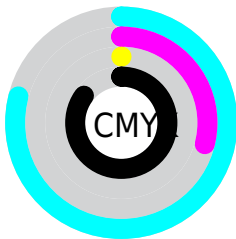
Distribution



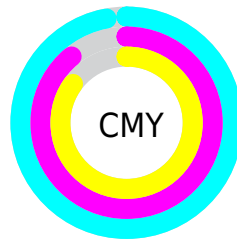
- Red (3%)
- Green (11%)
- Blue (15%)



- Red (3%)
- Yellow (8%)
- Blue (15%)



- Cyan (79%)
- Magenta (29%)
- Yellow (0%)
- Black (85%)



- Cyan (97%)
- Magenta (89%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 081B26 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 081B26 by changing the saturation by 10% instead.

■ 081B26

■ 081B26

■ EAFEFF

■ 000111

■ 344653

■ 000000

■ 4C5E6B

■ 647684

■ 7D909E

■ 97AAB9

■ B2C6D5

■ CEE2F1

■ 081B26

■ 081B26

■ 041A26

■ 0C1C26

■ 001826

■ 101E26

■ 131F26

■ 172126

■ 1B2226

■ 1F2326

■ 232526

■ 262626

■ 2A2826

Harmonies

Analogous

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



021C22



081B26



131927

Triad

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



081B26



271417



141B0C

Complementary

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



081B26



261308

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.



1C1907



081B26



26150F

Square

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



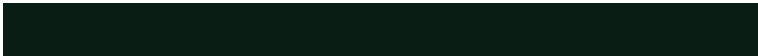
081B26



24141E



221708



0A1D14

Rectangle

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



081B26



1A1725



221708



171B0A

Sweetspot

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



081B26



252C30



082613



12171A



999999



1A1A1A

Same Dimension

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



081B26



022030



080C26



101112



003452



0084D1

Inverse Universe

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



26081B



300220



262208



121011



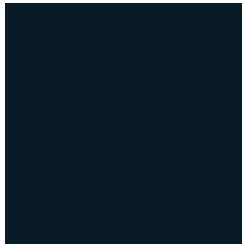
520034



D10084

Previews

White Background



This preview shows how the Hex color 081B26 looks on a white background.

Color Contrast Check

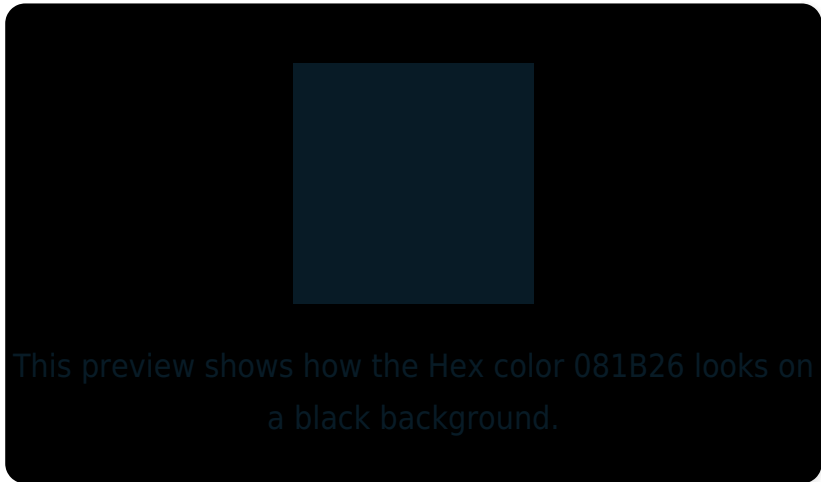
Large Text (above 18pt) WCAG AA ✓ Pass

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

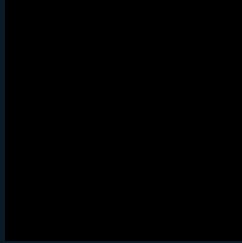
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

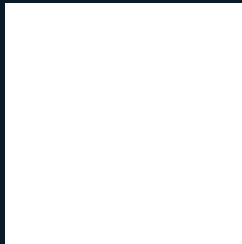
Any Text WCAG AAA × Fail

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

Hex 081B26 Background



This preview shows how black text looks on a background with the Hex color 081B26.



This preview shows how white text looks on a background with the Hex color 081B26.

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
081B26

Protanopia
161924

Deuteranopia
131926



Tritanopia
001C1E

Trichromacy



Original Color
081B26

Protanomaly
111A25

Deuteranomaly
0F1A26

Tritanomaly
031C21

Monochromacy



Original Color
081B26

Achromatopsia
171717

Achromatomaly
12181C

CSS Examples

Text

The CSS property to change the color of the text to Hex 081B26 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 #081B26 looks like.

```
.text, #text, p{  
    color:#081B26  
}
```

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 #081B26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #081B26
}
```

Border

The CSS property to change the border of an element to Hex 081B26 is called "border". The border property can be set on classes, ids or directly on the HTML element.

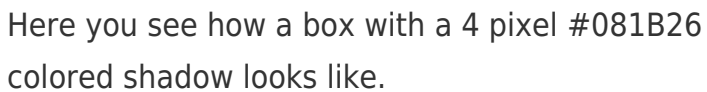
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#081B26 }
```

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

```
.border{ border-color:#081B26 }
```

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



Here you see how a box with a 4 pixel #081B26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #081B26; -webkit-box-shadow:4px 4px  
4px 4px #081B26; box-shadow:4px 4px 4px  
4px #081B26 }
```

Background

The CSS property to change the background color of an element to Hex 081B26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#081B26 }
```

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

```
.background{ background-color:#081B26 }
```

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