

Converting Colors

Hex(081C33)

Have a look what the booklet for
Hex(081C33) contains.

Hex(081C33)	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(081C33)

Conversions

Conversions Part 1

Format	Color
Hex	081C33
RGB	8, 28, 51
RGB Percent	3%, 11%, 20%
CMY	0.9686, 0.8902, 0.8000
CMYK	0.84, 0.45, 0.00, 0.80
HSL	212°, 73%, 12%
HSV	212°, 84%, 20%
XYZ	1.1129, 1.1211, 3.2897
YIQ	24.6420, -19.3030, 2.9130

Conversions

Conversions Part 2

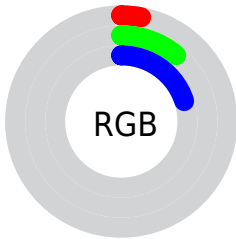
Format	Color
R_{YB}	8, 22, 51
Decimal	531507
CIE Lab	9.96, 1.63, -17.53
CIE LCh	10, 17.605, 275.321
Yxy	1.1211, 0.2015, 0.2030
Android (android.graphics.Color)	4278721587 (0xFF081C33)
YUV	24.6420, 12.9945, -14.5950
Hunter-Lab	10.5884, 0.2321, -11.0089

Details

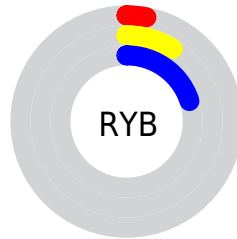
The Hex color **081C33** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **331F08**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **384762**, and **000001** is the 20% darker color. If you saturate the color by 10%, you get **031933**, and if you desaturate by 10%, it is **0D1F33**.

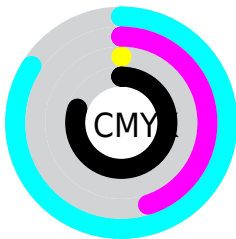
Distribution



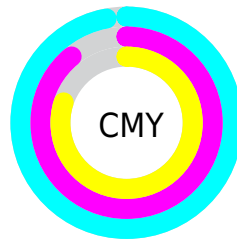
- Red (3%)
- Green (11%)
- Blue (20%)



- Red (3%)
- Yellow (9%)
- Blue (20%)



- Cyan (84%)
- Magenta (45%)
- Yellow (0%)
- Black (80%)



- Cyan (97%)
- Magenta (89%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 081C33 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 081C33 by changing the saturation by 10% instead.

■ 081C33

■ 081C33

■ F0FFFF

■ 00011E

■ 384762

■ 000001

■ 505F7B

■ 000000

■ 697794

■ 8291AF

■ 9DABCA

■ B8C7E7

■ D4E3FF

■ 081C33

■ 081C33

■ 031933

■ 0D1F33

■ 001833

■ 122133

■ 172433

■ 1C2733

■ 222A33

■ 272C33

■ 2C2F33

■ 313233

■ 363533

Harmonies

Analogous

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



001F31



081C33



1F172F

Triad

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



081C33



30130C



022110

Complementary

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



081C33



331F08

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.



151F01



081C33



2B1700

Square

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



081C33



31111A



221B00



00211D

Rectangle

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



081C33



281429



221B00



09200B

Sweetspot

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



081C33



323942



08331F



171C21



A1A1A1



212121

Same Dimension

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



081C33



001F42



090833



17181A



002A59



0065D9

Inverse Universe

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



33081C



42001F



323308



1A1718



59002A



D90065

Previews

White Background



This preview shows how the Hex color 081C33 looks on a white background.

Color Contrast Check

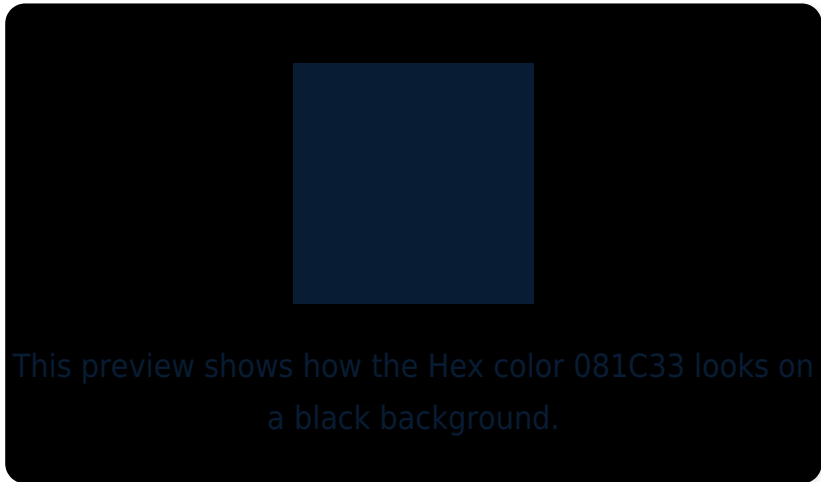
Large Text (above 18pt) WCAG AA ✓ Pass

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

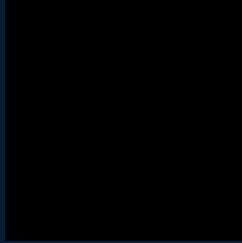
Any Text WCAG AA × Fail

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 081C33 Background



This preview shows how black text looks on a background with the Hex color 081C33.



This preview shows how white text looks on a background with the Hex color 081C33.

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
081C33

Protanopia
111B32

Deuteranopia
001C32



Tritanopia
001F21

Trichromacy



Original Color
081C33

Protanomaly
0E1B32

Deuteranomaly
031C32

Tritanomaly
031E28

Monochromacy



Original Color
081C33

Achromatopsia
191919

Achromatomaly
131A22

CSS Examples

Text

The CSS property to change the color of the text to Hex 081C33 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 #081C33 looks like.

```
.text, #text, p{  
    color:#081C33  
}
```

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 #081C33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #081C33
}
```

Border

The CSS property to change the border of an element to Hex 081C33 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
#081C33 }
```

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

```
.border{ border-color:#081C33 }
```

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

Here you see how a box with a 4 pixel #081C33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #081C33; -webkit-box-shadow:4px 4px  
4px 4px #081C33; box-shadow:4px 4px 4px  
4px #081C33 }
```

Background

The CSS property to change the background color of an element to Hex 081C33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#081C33 }
```

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

```
.background{ background-color:#081C33 }
```

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