

Converting Colors

Hex(081B35)

Have a look what the booklet for
Hex(081B35) contains.

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Color

Hex(081B35)

Conversions

Conversions Part 1

Format	Color
Hex	081B35
RGB	8, 27, 53
RGB Percent	3%, 11%, 21%
CMY	0.9686, 0.8941, 0.7922
CMYK	0.85, 0.49, 0.00, 0.79
HSL	215°, 74%, 12%
HSV	215°, 85%, 21%
XYZ	1.1347, 1.0925, 3.5192
YIQ	24.2830, -19.6700, 4.0580

Conversions

Conversions Part 2

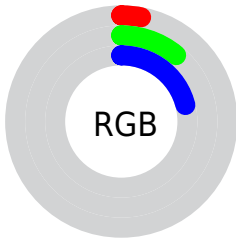
Format	Color
R_{YB}	8, 21, 53
Decimal	531253
CIE _{Lab}	9.74, 3.33, -19.33
CIE _{LCh}	10, 19.613, 279.767
Yxy	1.0925, 0.1975, 0.1901
Android (android.graphics.Color)	4278721333 (0xFF081B35)
YUV	24.2830, 14.1575, -14.2802
Hunter-Lab	10.4524, 1.0856, -12.6457

Details

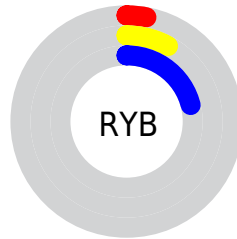
The Hex color **081B35** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **352208**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **384664**, and **000004** is the 20% darker color. If you saturate the color by 10%, you get **031835**, and if you desaturate by 10%, it is **0D1E35**.

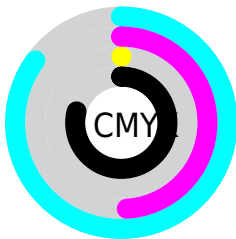
Distribution



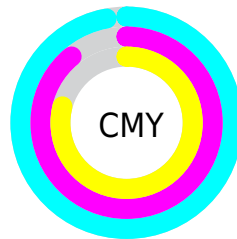
- Red (3%)
- Green (11%)
- Blue (21%)



- Red (3%)
- Yellow (8%)
- Blue (21%)



- Cyan (85%)
- Magenta (49%)
- Yellow (0%)
- Black (79%)



- Cyan (97%)
- Magenta (89%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 081B35 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 081B35 by changing the saturation by 10% instead.

081B35

081B35

F1FEFF

000020

384664

000004

505D7D

000000

697697

8390B2

9EAACD

B9C5E9

D5E1FF

081B35

081B35

■ 031835

■ 0D1E35

■ 001635

■ 132135

■ 182435

■ 1D2735

■ 232A35

■ 282D35

■ 2D3035

■ 323335

■ 383735

Harmonies

Analogous

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



001F34



081B35



21162F

Triad

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



081B35



311206



002111

Complementary

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



081B35



352208

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.



121F00



081B35



2A1700

Square

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



081B35



330F17



1F1C00



00221F

Rectangle

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



081B35



2B1228



1F1C00



02200B

Sweetspot

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



081B35



343B45



083521



191E24



A3A3A3



242424

Same Dimension

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



081B35



001D45



0B0835



17181A



002659



005CD9

Inverse Universe

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



35081B



45001D



323508



1A1718



590026



D9005C

Previews

White Background



This preview shows how the Hex color 081B35 looks on a white background.

Color Contrast Check

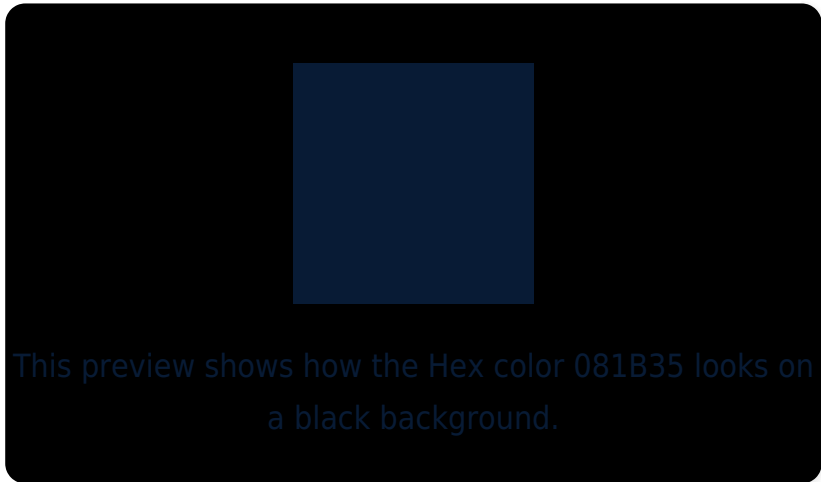
Large Text (above 18pt) WCAG AA ✓ Pass

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

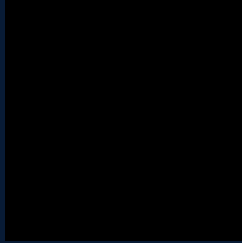
Any Text WCAG AA × Fail

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 081B35 Background



This preview shows how black text looks on a background with the Hex color 081B35.



This preview shows how white text looks on a background with the Hex color 081B35.

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
081B35

Protanopia
0D1B35

Deuteranopia
001C31



Tritanopia
001F21

Trichromacy



Original Color
081B35

Protanomaly
0B1B35

Deuteranomaly
031C32

Tritanomaly
031E28

Monochromacy



Original Color
081B35

Achromatopsia
181818

Achromatomaly
121923

CSS Examples

Text

The CSS property to change the color of the text to Hex 081B35 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 #081B35 looks like.

```
.text, #text, p{  
    color:#081B35  
}
```

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 #081B35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #081B35
}
```

Border

The CSS property to change the border of an element to Hex 081B35 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
#081B35 }
```

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

```
.border{ border-color:#081B35 }
```

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

Here you see how a box with a 4 pixel #081B35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #081B35; -webkit-box-shadow:4px 4px  
4px 4px #081B35; box-shadow:4px 4px 4px  
4px #081B35 }
```

Background

The CSS property to change the background color of an element to Hex 081B35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#081B35 }
```

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

```
.background{ background-color:#081B35 }
```

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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