

Converting Colors

Hex(081B60)

Have a look what the booklet for
Hex(081B60) contains.

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Color

Hex(081B60)

Conversions

Conversions Part 1

Format	Color
Hex	081B60
RGB	8, 27, 96
RGB Percent	3%, 11%, 38%
CMY	0.9686, 0.8941, 0.6235
CMYK	0.92, 0.72, 0.00, 0.62
HSL	227°, 85%, 20%
HSV	227°, 92%, 38%
XYZ	2.6034, 1.6800, 11.2534
YIQ	29.1850, -33.4730, 17.4310

Conversions

Conversions Part 2

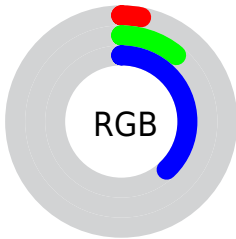
Format	Color
R_{YB}	8, 24, 96
Decimal	531296
CIE _{Lab}	13.71, 22.66, -42.63
CIE _{LCh}	14, 48.283, 297.992
Yxy	1.6800, 0.1676, 0.1081
Android (android.graphics.Color)	4278721376 (0xFF081B60)
YUV	29.1850, 32.9398, -18.5792
Hunter-Lab	12.9616, 13.1699, -42.4033

Details

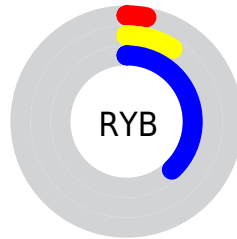
The Hex color **081B60** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **604D08**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **474693**, and **000430** is the 20% darker color. If you saturate the color by 10%, you get **001560**, and if you desaturate by 10%, it is **122360**.

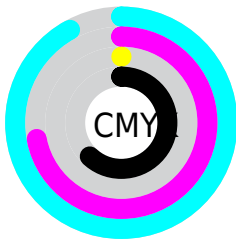
Distribution



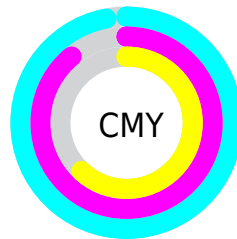
- Red (3%)
- Green (11%)
- Blue (38%)



- Red (3%)
- Yellow (9%)
- Blue (38%)



- Cyan (92%)
- Magenta (72%)
- Yellow (0%)
- Black (62%)



- Cyan (97%)
- Magenta (89%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 081B60 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 081B60 by changing the saturation by 10% instead.

■ 081B60

■ 081B60

FFFFFF

■ 000348

■ 474693

■ 000430

■ 625EAE

■ 00011B

■ 7D77CA

■ 000000

■ 9890E6

■ B4ABFF

■ D1C6FF

■ EEE2FF

■ 081B60

■ 081B60

■ 001560

■ 122360

■ 1B2A60

■ 253260

■ 2E3960

■ 384160

■ 424860

■ 4B5060

■ 555760

■ 5E5F60

Harmonies

Analogous

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



002968



081B60



470047

Triad

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



081B60



470F00



003020

Complementary

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



081B60



604D08

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.



002E00



081B60



2F2100

Square

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



081B60



570000



0A2A00



003042

Rectangle

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



081B60



550032



0A2A00



003014

Sweetspot

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



081B60



5A627D



08604D



2A2F40



BFBFBF



404040

Same Dimension

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



081B60



001B7D



210860



2C2D30



001870



0034F0

Inverse Universe

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



60081B



7D001B



476008



302C2D



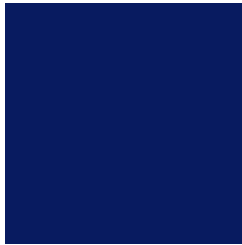
700018



F00034

Previews

White Background



This preview shows how the Hex color 081B60 looks on a white background.

Color Contrast Check

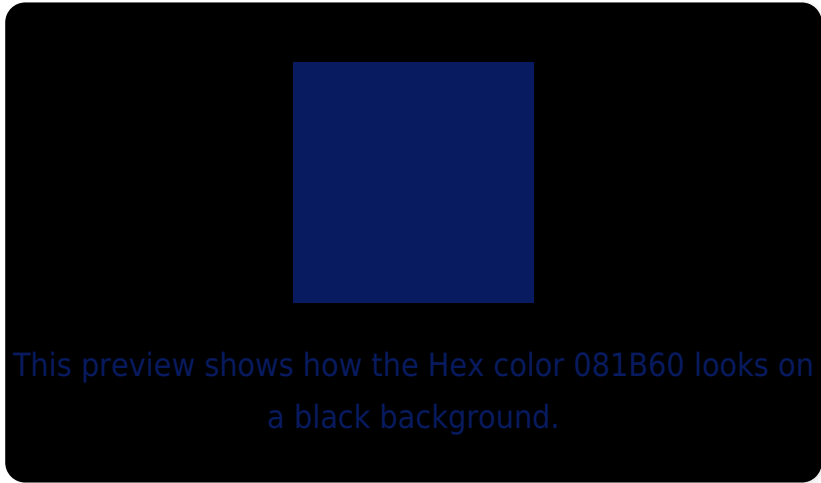
Large Text (above 18pt) WCAG AA ✓ Pass

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

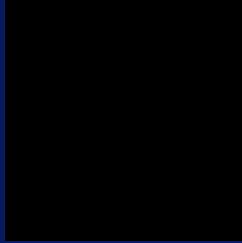
Any Text WCAG AA × Fail

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 081B60 Background



This preview shows how black text looks on a background with the Hex color 081B60.



This preview shows how white text looks on a background with the Hex color 081B60.

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
081B60

Protanopia
002349

Deuteranopia
00253E



Tritanopia
00282A

Trichromacy



Original Color
081B60

Protanomaly
032051

Deuteranomaly
03214A

Tritanomaly
03233E

Monochromacy



Original Color
081B60

Achromatopsia
1D1D1D

Achromatomaly
151C35

CSS Examples

Text

The CSS property to change the color of the text to Hex 081B60 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 #081B60 looks like.

```
.text, #text, p{  
    color:#081B60  
}
```

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 #081B60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #081B60
}
```

Border

The CSS property to change the border of an element to Hex 081B60 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
#081B60 }
```

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

```
.border{ border-color:#081B60 }
```

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

Here you see how a box with a 4 pixel #081B60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #081B60; -webkit-box-shadow:4px 4px  
4px 4px #081B60; box-shadow:4px 4px 4px  
4px #081B60 }
```

Background

The CSS property to change the background color of an element to Hex 081B60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#081B60 }
```

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

```
.background{ background-color:#081B60 }
```

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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