

Converting Colors

Hex(00081D)

Have a look what the booklet for
Hex(00081D) contains.

Hex(00081D)	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>	28

Color

Hex(00081D)

Conversions

Conversions Part 1

Format	Color
Hex	00081D
RGB	0, 8, 29
RGB Percent	0%, 3%, 11%
CMY	1.0000, 0.9686, 0.8863
CMYK	1.00, 0.72, 0.00, 0.89
HSL	223°, 100%, 6%
HSV	223°, 100%, 11%
XYZ	0.3086, 0.2624, 1.1968
YIQ	8.0020, -11.5090, 4.8350

Conversions

Conversions Part 2

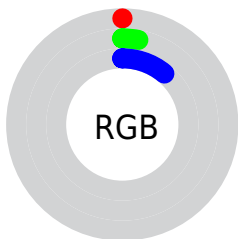
Format	Color
R_{YB}	0, 6, 29
Decimal	2077
CIE Lab	2.37, 2.43, -12.80
CIE LCh	2, 13.024, 280.736
Yxy	0.2624, 0.1746, 0.1484
Android (android.graphics.Color)	4278192157 (0xFF00081D)
YUV	8.0020, 10.3520, -7.0178
Hunter-Lab	5.1222, 1.7903, -10.2671

Details

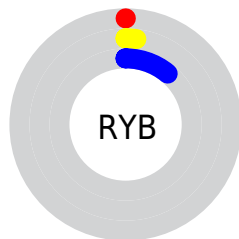
The Hex color **00081D** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1D1500**, and the grayscale version is **080808**.

A 20% lighter version of the original color is **2E3548**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00081D**, and if you desaturate by 10%, it is **030A1D**.

Distribution



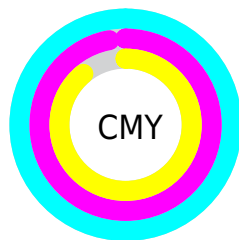
- Red (0%)
- Green (3%)
- Blue (11%)



- Red (0%)
- Yellow (2%)
- Blue (11%)



- Cyan (100%)
- Magenta (72%)
- Yellow (0%)
- Black (89%)



- Cyan (100%)
- Magenta (97%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00081D 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 00081D by changing the saturation by 10% instead.

■ 00081D

■ 00081D

■ E2E9FF

■ 000000

■ 2E3548

■ 454C60

■ 5D6479

■ 767D93

■ 8F96AD

■ AAB1C9

■ C6CCE5

■ 00081D

■ 030A1D

■ 060C1D

■ 090E1D

■ 0C101D

■ 0F121D

■ 11151D

■ 14171D

■ 17191D

■ 1A1B1D

Harmonies

Analogous

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



000D1C



00081D



12031A

Triad

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



00081D



1C0100



000F00

Complementary

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



00081D



1D1500

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.



000E00



00081D



150500

Square

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



00081D



1F0003



070A00



00100E

Rectangle

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



00081D



180015



070A00



000F00

Sweetspot

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



00081D



1B1E26



001D15



0D0F14



949494



141414

Same Dimension

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



00081D



000B26



06001D



0E0E0F



00164F



0039CF

Inverse Universe

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



1D0008



26000B



171D00



0F0E0E



4F0016



CF0039

Previews

White Background



This preview shows how the Hex color 00081D looks on a white background.

Color Contrast Check

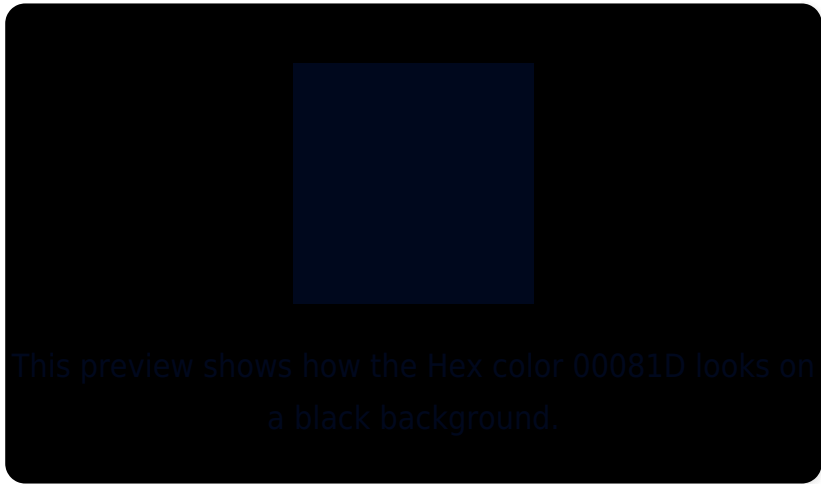
Large Text (above 18pt) WCAG AA ✓ Pass

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

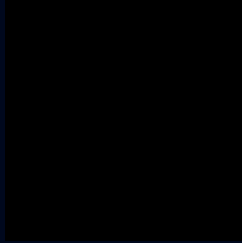
Any Text WCAG AA × Fail

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 00081D Background



This preview shows how black text looks on a background with the Hex color 00081D.



This preview shows how white text looks on a background with the Hex color 00081D.

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
00081D

Protanopia
000A16

Tritanopia
000C0D

Trichromacy



Original Color

00081D

Protanomaly

000919

Tritanomaly

000B13

Monochromacy



Original Color

00081D

Achromatopsia

080808

Achromatomaly

050810

CSS Examples

Text

The CSS property to change the color of the text to Hex 00081D 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 #00081D looks like.

```
.text, #text, p{  
    color:#00081D  
}
```

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 #00081D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00081D
}
```

Border

The CSS property to change the border of an element to Hex 00081D 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
#00081D }
```

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

```
.border{ border-color:#00081D }
```

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

Here you see how a box with a 4 pixel #00081D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00081D; -webkit-box-shadow:4px 4px  
4px 4px #00081D; box-shadow:4px 4px 4px  
4px #00081D }
```

Background

The CSS property to change the background color of an element to Hex 00081D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00081D }
```

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

```
.background{ background-color:#00081D }
```

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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