

Converting Colors

Hex(081B15)

Have a look what the booklet for
Hex(081B15) contains.

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Color

Hex(081B15)

Conversions

Conversions Part 1

Format	Color
Hex	081B15
RGB	8, 27, 21
RGB Percent	3%, 11%, 8%
CMY	0.9686, 0.8941, 0.9176
CMYK	0.70, 0.00, 0.22, 0.89
HSL	161°, 54%, 7%
HSV	161°, 70%, 11%
XYZ	0.6274, 0.8896, 0.8481
YIQ	20.6350, -9.3980, -5.8940

Conversions

Conversions Part 2

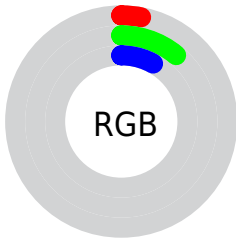
Format	Color
RYB	8, 19, 27
Decimal	531221
CIELab	8.04, -8.94, 1.72
CIElCh	8, 9.101, 169.079
Yxy	0.8896, 0.2653, 0.3761
Android (android.graphics.Color)	4278721301 (0xFF081B15)
YUV	20.6350, 0.1799, -11.0809
Hunter-Lab	9.4320, -4.6320, 1.2712

Details

The Hex color **081B15** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1B080E**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **34463F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **051B14**, and if you desaturate by 10%, it is **0B1B16**.

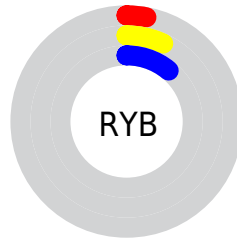
Distribution



Red (3%)

Green (11%)

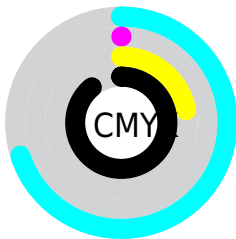
Blue (8%)



Red (3%)

Yellow (7%)

Blue (11%)

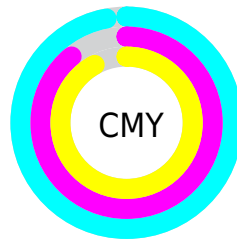


Cyan (70%)

Magenta (0%)

Yellow (22%)

Black (89%)



Cyan (97%)

Magenta (89%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 081B15 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 081B15 by changing the saturation by 10% instead.

■ 081B15

■ 081B15

■ E8FFF6

■ 000000

■ 34463F

■ 4B5E56

■ 63766F

■ 7C9088

■ 96ABA2

■ B0C6BD

■ CCE2D9

■ 081B15

■ 081B15

■ 051B14

■ 0B1B16

■ 031B13

■ 0D1B17

■ 001B12

■ 101B18

■ 131B18

■ 151B19

■ 181B1A

■ 1B1B1B

■ 1E1B1C

■ 201B1D

Harmonies

Analogous

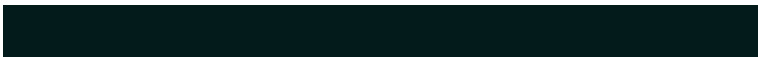
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



111A0E



081B15



031B1B

Triad

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



081B15



151723



22140D

Complementary

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



081B15



1B080E

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.



241314



081B15



1D1520

Square

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



081B15



0C1923



22131A



1F1608

Rectangle

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



081B15



031B1F



22131A



23140F

Sweetspot

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



081B15



1C2421



0E1B08



0D1210



919191



121212

Same Dimension

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



081B15



06241A



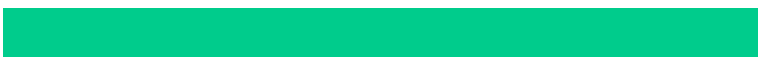
08181B



0B0D0C



004D34



00CC8C

Inverse Universe

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



1B080E



24060F



1B0B08



0D0B0C



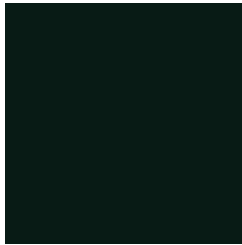
4D0018



CC0040

Previews

White Background



This preview shows how the Hex color 081B15 looks on a white background.

Color Contrast Check

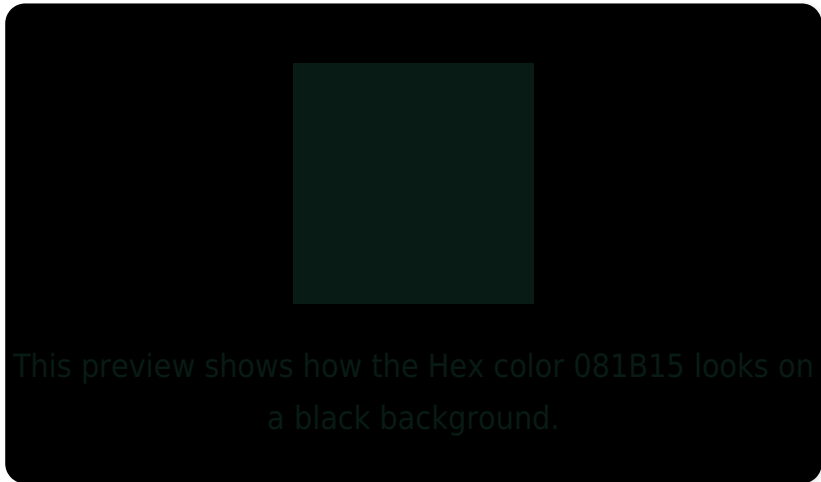
Large Text (above 18pt) WCAG AA ✓ Pass

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

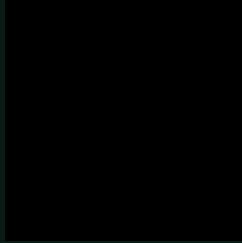
Any Text WCAG AA × Fail

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 081B15 Background



This preview shows how black text looks on a background with the Hex color 081B15.



This preview shows how white text looks on a background with the Hex color 081B15.

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
081B15

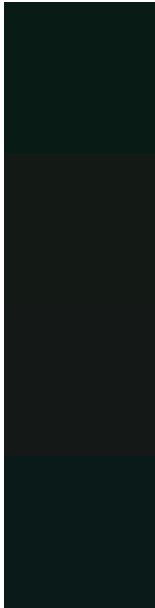
Protanopia
191813

Deuteranopia
1B1716



Tritanopia
0B1A1C

Trichromacy



Original Color
081B15

Protanomaly
131914

Deuteranomaly
141816

Tritanomaly
0A1A19

Monochromacy



Original Color
081B15

Achromatopsia
151515

Achromatomaly
101715

CSS Examples

Text

The CSS property to change the color of the text to Hex 081B15 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 #081B15 looks like.

```
.text, #text, p{  
    color:#081B15  
}
```

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 #081B15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #081B15
}
```

Border

The CSS property to change the border of an element to Hex 081B15 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
#081B15 }
```

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

```
.border{ border-color:#081B15 }
```

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

Here you see how a box with a 4 pixel #081B15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #081B15; -webkit-box-shadow:4px 4px  
4px 4px #081B15; box-shadow:4px 4px 4px  
4px #081B15 }
```

Background

The CSS property to change the background color of an element to Hex 081B15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#081B15 }
```

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

```
.background{ background-color:#081B15 }
```

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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