

Converting Colors

Hex(010819)

Have a look what the booklet for
Hex(010819) contains.

Hex(010819)	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(010819)

Conversions

Conversions Part 1

Format	Color
Hex	010819
RGB	1, 8, 25
RGB Percent	0%, 3%, 10%
CMY	0.9961, 0.9686, 0.9020
CMYK	0.96, 0.68, 0.00, 0.90
HSL	222°, 92%, 5%
HSV	222°, 96%, 10%
XYZ	0.2748, 0.2503, 0.9535
YIQ	7.8450, -9.6290, 3.8030

Conversions

Conversions Part 2

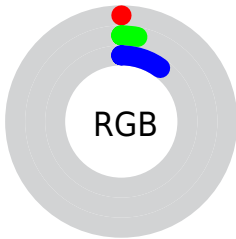
Format	Color
RYB	1, 6, 25
Decimal	67609
CIELab	2.26, 1.51, -9.74
CIELCh	2, 9.857, 278.823
Yxy	0.2503, 0.1859, 0.1693
Android (android.graphics.Color)	4278257689 (0xFF010819)
YUV	7.8450, 8.4574, -6.0031
Hunter-Lab	5.0031, 1.0497, -7.7979

Details

The Hex color **010819** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **191201**, and the grayscale version is **080808**.

A 20% lighter version of the original color is **2F3544**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **000719**, and if you desaturate by 10%, it is **040A19**.

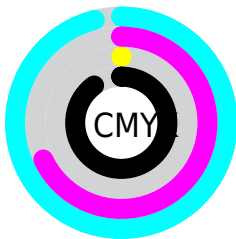
Distribution



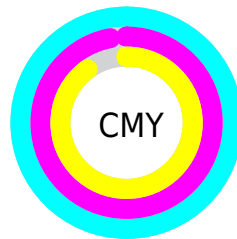
- Red (0%)
- Green (3%)
- Blue (10%)



- Red (0%)
- Yellow (2%)
- Blue (10%)



- Cyan (96%)
- Magenta (68%)
- Yellow (0%)
- Black (90%)



- Cyan (100%)
- Magenta (97%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 010819 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 010819 by changing the saturation by 10% instead.

■ 010819

■ 010819

■ E3E9FB

■ 000000

■ 2F3544

■ 464C5B

■ 5E6474

■ 777D8D

■ 9196A8

■ ABB1C3

■ C6CCDF

■ 010819

■ 010819

■ 000719

■ 040A19

■ 060C19

■ 090D19

■ 0B0F19

■ 0E1119

■ 101319

■ 131419

■ 151619

■ 181819

Harmonies

Analogous

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



000C18



010819



0F0416

Triad

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



010819



190200



000E00

Complementary

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



010819



191201

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.



000D00



010819



130500

Square

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



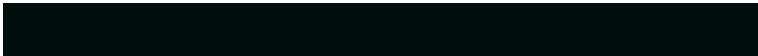
010819



1B0105



090900



000F0B

Rectangle

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



010819



150213



090900



000E00

Sweetspot

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



010819



181A21



011912



0C0D12



919191



121212

Same Dimension

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



010819



000A21



060119



0B0C0D



00164D



003BCC

Inverse Universe

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



190108



21000A



141901



0D0B0C



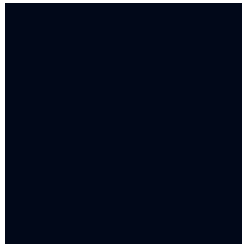
4D0016



CC003B

Previews

White Background



This preview shows how the Hex color 010819 looks on a white background.

Color Contrast Check

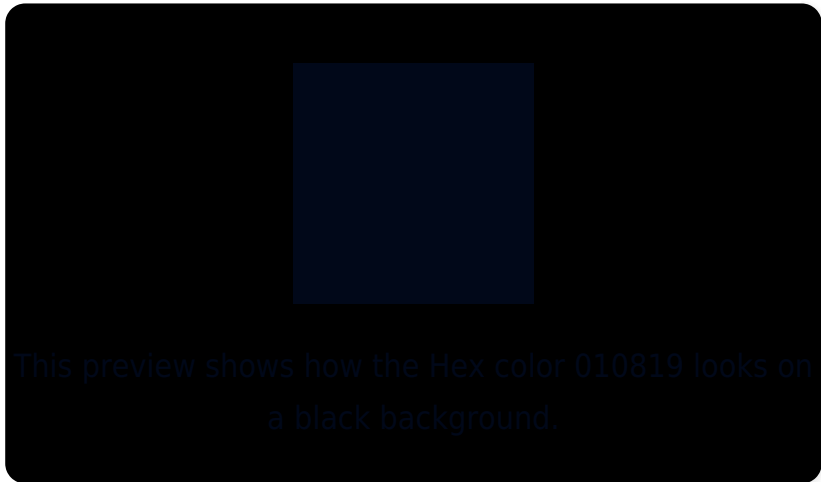
Large Text (above 18pt) WCAG AA ✓ Pass

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

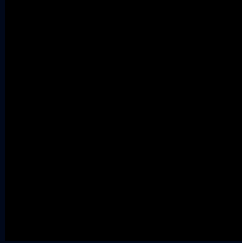
Any Text WCAG AA × Fail

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 010819 Background



This preview shows how black text looks on a background with the Hex color 010819.



This preview shows how white text looks on a background with the Hex color 010819.

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
010819

Protanopia
000A14

Deuteranopia
000A11



Tritanopia
000B0C

Trichromacy



Original Color

010819

Protanomaly

000916

Deuteranomaly

000914

Tritanomaly

000A11

Monochromacy



Original Color

010819

Achromatopsia

080808

Achromatomaly

05080E

CSS Examples

Text

The CSS property to change the color of the text to Hex 010819 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 #010819 looks like.

```
.text, #text, p{  
    color:#010819  
}
```

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 #010819 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #010819
}
```

Border

The CSS property to change the border of an element to Hex 010819 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
#010819 }
```

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

```
.border{ border-color:#010819 }
```

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

Here you see how a box with a 4 pixel #010819 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #010819; -webkit-box-shadow:4px 4px  
4px 4px #010819; box-shadow:4px 4px 4px  
4px #010819 }
```

Background

The CSS property to change the background color of an element to Hex 010819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#010819 }
```

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

```
.background{ background-color:#010819 }
```

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