

Converting Colors

Hex(010A01)

Have a look what the booklet for
Hex(010A01) contains.

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Color

Hex(010A01)

Conversions

Conversions Part 1

Format	Color
Hex	010A01
RGB	1, 10, 1
RGB Percent	0%, 4%, 0%
CMY	0.9961, 0.9608, 0.9961
CMYK	0.90, 0.00, 0.90, 0.96
HSL	120°, 82%, 2%
HSV	120°, 90%, 4%
XYZ	0.1265, 0.2257, 0.0656
YIQ	6.2830, -2.4750, -4.7070

Conversions

Conversions Part 2

Format	Color
RYB	1, 10, 10
Decimal	68097
CIELab	2.04, -3.61, 2.58
CIElCh	2, 4.431, 144.444
Yxy	0.2257, 0.3028, 0.5402
Android (android.graphics.Color)	4278258177 (0xFF010A01)
YUV	6.2830, -2.6045, -4.6332
Hunter-Lab	4.7511, -3.5603, 2.5069

Details

The Hex color **010A01** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0A010A**, and the grayscale version is **060606**.

A 20% lighter version of the original color is **313631**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **000A00**, and if you desaturate by 10%, it is **020A02**.

Distribution



Red (0%)

Green (4%)

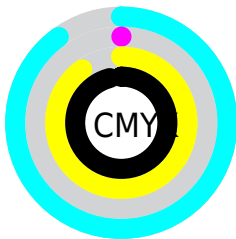
Blue (0%)



Red (0%)

Yellow (4%)

Blue (4%)



Cyan (90%)

Magenta (0%)

Yellow (90%)

Black (96%)



Cyan (100%)

Magenta (96%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 010A01 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 010A01 by changing the saturation by 10% instead.

■ 010A01

■ 010A01

■ E3EAE3

■ 000000

■ 313631

■ 474D47

■ 5F655F

■ 787E78

■ 919891

■ ACB2AC

■ C7CEC7

■ 010A01

■ 010A01

■ 000A00

■ 020A02

■ 030A03

■ 040A04

■ 050A05

■ 060A06

■ 070A07

■ 080A08

■ 090A09

■ 0A0A0A

Harmonies

Analogous

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



070900



010A01



000B06

Triad

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



010A01



010811



120403

Complementary

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



010A01



0A010A

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.



110409



010A01



080610

Square

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



010A01



000A0F



0E050E



110500

Rectangle

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



010A01



000B0A



0E050E



120405

Sweetspot

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



010A01



090D09



0A0A01



050805



878787



080808

Same Dimension

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



010A01



000D00



010A06



050505



004500



00C400

Inverse Universe

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



0A010A



0D000D



0A0106



050505



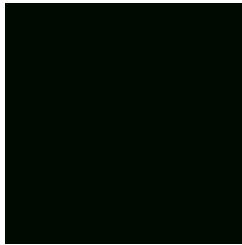
450045



C400C4

Previews

White Background



This preview shows how the Hex color 010A01 looks on a white background.

Color Contrast Check

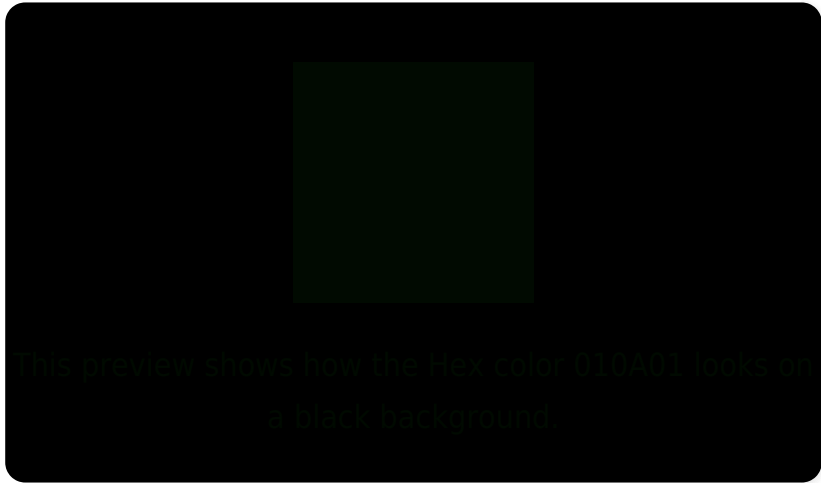
Large Text (above 18pt) WCAG AA ✓ Pass

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

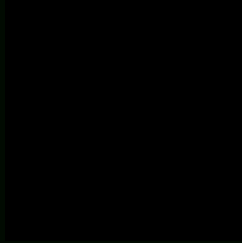
Any Text WCAG AA × Fail

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 010A01 Background



This preview shows how black text looks on a background with the Hex color 010A01.

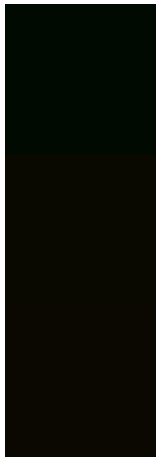


This preview shows how white text looks on a background with the Hex color 010A01.

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](#).

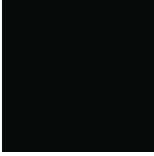
Dichromacy



Original Color
010A01

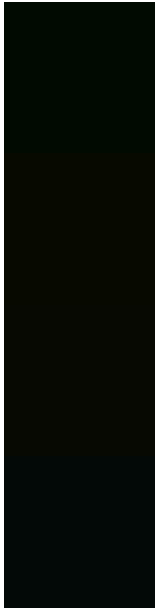
Protanopia
0A0900

Deuteranopia
0B0802



Tritanopia
04090A

Trichromacy



Original Color
010A01

Protanomaly
070900

Deuteranomaly
070902

Tritanomaly
030907

Monochromacy



Original Color
010A01

Achromatopsia
060606

Achromatomaly
040704

CSS Examples

Text

The CSS property to change the color of the text to Hex 010A01 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 #010A01 looks like.

```
.text, #text, p{  
    color:#010A01  
}
```

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 #010A01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #010A01
}
```

Border

The CSS property to change the border of an element to Hex 010A01 is called "border". The border property can be set on classes, ids or directly on the HTML element.

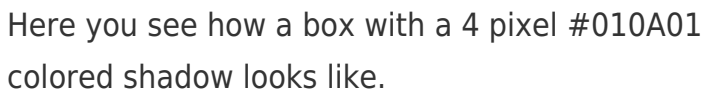
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#010A01 }
```

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

```
.border{ border-color:#010A01 }
```

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



Here you see how a box with a 4 pixel #010A01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #010A01; -webkit-box-shadow:4px 4px  
4px 4px #010A01; box-shadow:4px 4px 4px  
4px #010A01 }
```

Background

The CSS property to change the background color of an element to Hex 010A01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#010A01 }
```

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

```
.background{ background-color:#010A01 }
```

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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