

Converting Colors

Hex(010949)

Have a look what the booklet for
Hex(010949) contains.

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Color

Hex(010949)

Conversions

Conversions Part 1

Format	Color
Hex	010949
RGB	1, 9, 73
RGB Percent	0%, 4%, 29%
CMY	0.9961, 0.9647, 0.7137
CMYK	0.99, 0.88, 0.00, 0.71
HSL	233°, 97%, 15%
HSV	233°, 99%, 29%
XYZ	1.3128, 0.6829, 6.3659
YIQ	13.9040, -25.3120, 18.2080

Conversions

Conversions Part 2

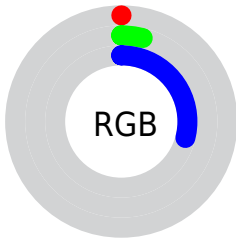
Format	Color
RYB	1, 8, 73
Decimal	67913
CIELab	6.17, 24.41, -39.40
CIElCh	6, 46.353, 301.781
Yxy	0.6829, 0.1570, 0.0817
Android (android.graphics.Color)	4278257993 (0xFF010949)
YUV	13.9040, 29.1343, -11.3168
Hunter-Lab	8.2636, 13.8964, -39.8903

Details

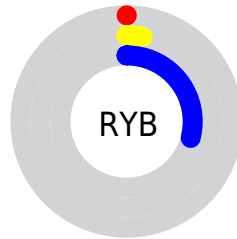
The Hex color **010949** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **494101**, and the grayscale version is **0E0E0E**.

A 20% lighter version of the original color is **3D337B**, and **00011C** is the 20% darker color. If you saturate the color by 10%, you get **000849**, and if you desaturate by 10%, it is **080F49**.

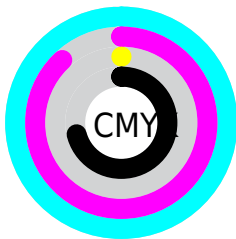
Distribution



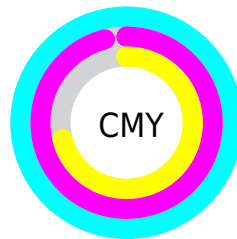
- Red (0%)
- Green (4%)
- Blue (29%)



- Red (0%)
- Yellow (3%)
- Blue (29%)



- Cyan (99%)
- Magenta (88%)
- Yellow (0%)
- Black (71%)



- Cyan (100%)
- Magenta (96%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 010949 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 010949 by changing the saturation by 10% instead.

■ 010949

■ 010949

■ FDE7FF

■ 000032

■ 3D337B

■ 00011C

■ 574A95

■ 000000

■ 7162B0

■ 8C7BCB

■ A795E8

■ C3B0FF

■ E0CBFF

■ 010949

■ 010949

■ 000849

■ 080F49

■ 101649

■ 171C49

■ 1E2349

■ 252949

■ 2D3049

■ 343649

■ 3B3D49

■ 434349

Harmonies

Analogous

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



001953



010949



360031

Triad

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



010949



300300



001E15

Complementary

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



010949



494101

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.



001E00



010949



181400

Square

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



010949



3F0000



001D00



002034

Rectangle

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



010949



41001E



001D00



001E05

Sweetspot

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



010949



42455E



014941



1F2130



B0B0B0



303030

Same Dimension

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



010949



000A5E



1D0149



202124



000B63



0019E3

Inverse Universe

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



490109



5E000A



2D4901



242021



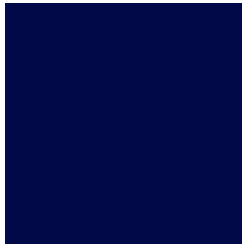
63000B



E30019

Previews

White Background



This preview shows how the Hex color 010949 looks on a white background.

Color Contrast Check

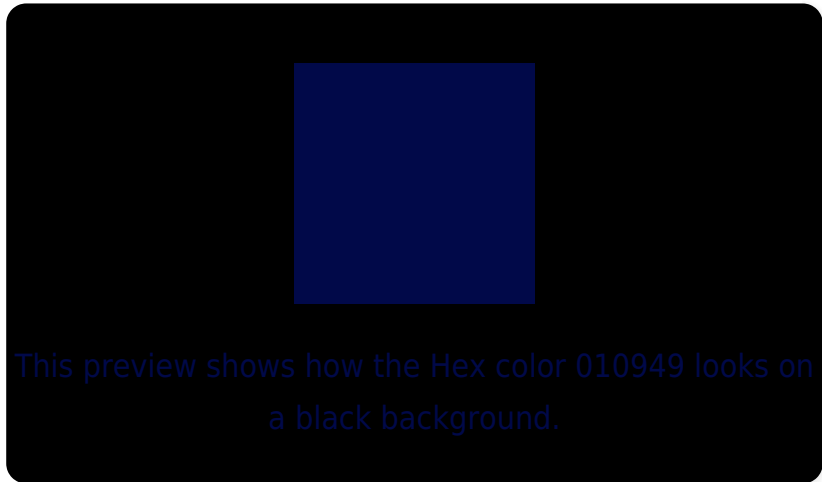
Large Text (above 18pt) WCAG AA ✓ Pass

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

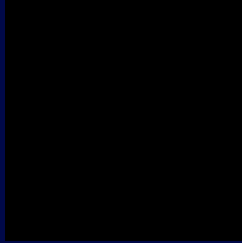
Any Text WCAG AA × Fail

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 010949 Background



This preview shows how black text looks on a background with the Hex color 010949.



This preview shows how white text looks on a background with the Hex color 010949.

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
010949

Protanopia
00162F

Deuteranopia
001828



Tritanopia
001A1B

Trichromacy



Original Color
010949

Protanomaly
001138

Deuteranomaly
001334

Tritanomaly
00142C

Monochromacy



Original Color
010949

Achromatopsia
0E0E0E

Achromatomaly
090C23

CSS Examples

Text

The CSS property to change the color of the text to Hex 010949 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 #010949 looks like.

```
.text, #text, p{  
    color:#010949  
}
```

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 #010949 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #010949
}
```

Border

The CSS property to change the border of an element to Hex 010949 is called "border". The border property can be set on classes, ids or directly on the HTML element.

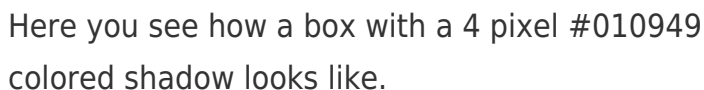
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#010949 }
```

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

```
.border{ border-color:#010949 }
```

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



Here you see how a box with a 4 pixel #010949 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #010949; -webkit-box-shadow:4px 4px  
4px 4px #010949; box-shadow:4px 4px 4px  
4px #010949 }
```

Background

The CSS property to change the background color of an element to Hex 010949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#010949 }
```

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

```
.background{ background-color:#010949 }
```

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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