

Converting Colors

Hex(010079)

Have a look what the booklet for
Hex(010079) contains.

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Color

Hex(010079)

Conversions

Conversions Part 1

Format	Color
Hex	010079
RGB	1, 0, 121
RGB Percent	0%, 0%, 47%
CMY	0.9961, 1.0000, 0.5255
CMYK	0.99, 1.00, 0.00, 0.53
HSL	240°, 100%, 24%
HSV	240°, 100%, 47%
XYZ	3.4637, 1.3869, 18.1743
YIQ	14.0930, -38.2450, 37.8430

Conversions

Conversions Part 2

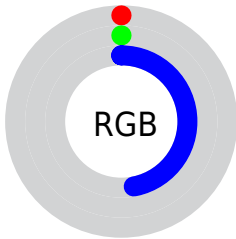
Format	Color
RYB	1, 0, 121
Decimal	65657
CIELab	11.87, 45.64, -62.07
CIELCh	12, 77.040, 306.328
Yxy	1.3869, 0.1504, 0.0602
Android (android.graphics.Color)	4278255737 (0xFF010079)
YUV	14.0930, 52.7052, -11.4826
Hunter-Lab	11.7768, 31.8898, -83.2544

Details

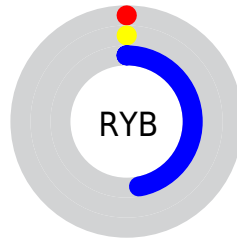
The Hex color **010079** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **787900**, and the grayscale version is **0E0E0E**.

A 20% lighter version of the original color is **5031AF**, and **000047** is the 20% darker color. If you saturate the color by 10%, you get **010079**, and if you desaturate by 10%, it is **0D0C79**.

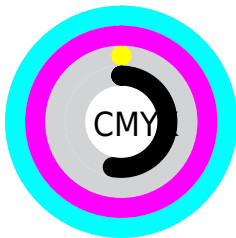
Distribution



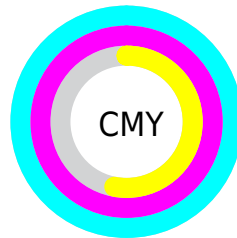
- Red (0%)
- Green (0%)
- Blue (47%)



- Red (0%)
- Yellow (0%)
- Blue (47%)



- Cyan (99%)
- Magenta (100%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (100%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 010079 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 010079 by changing the saturation by 10% instead.

 010079

 010079

 FFEAFF

 00005F

 5031AF

 000047

 6E4ACB

 00042F

 8A62E7

 00011A

 A77CFF

 000000

 C497FF

 E2B2FF

 FFCEFF

 010079

■ 0D0C79

■ 191879

■ 252479

■ 313079

■ 3D3C79

■ 494979

■ 555579

■ 616179

■ 6D6D79

Harmonies

Analogous

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



00288F



010079



60004B

Triad

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



010079



470200



002E2A

Complementary

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



010079



787900

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.



002D00



010079



1E2200

Square

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



010079



640000



002C00



00315F

Rectangle

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



010079



6E0029



002C00



002D17

Sweetspot

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



010079



6F6F9E



007979



33334F



CFCFCF



4F4F4F

Same Dimension

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



010079



01009E



3C0079



37373D



01007D



0200FC

Inverse Universe

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



790078



9E009D



3C7900



3D373D



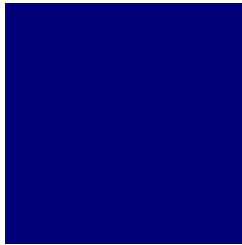
7D007C



FC00FA

Previews

White Background



This preview shows how the Hex color 010079 looks on a white background.

Color Contrast Check

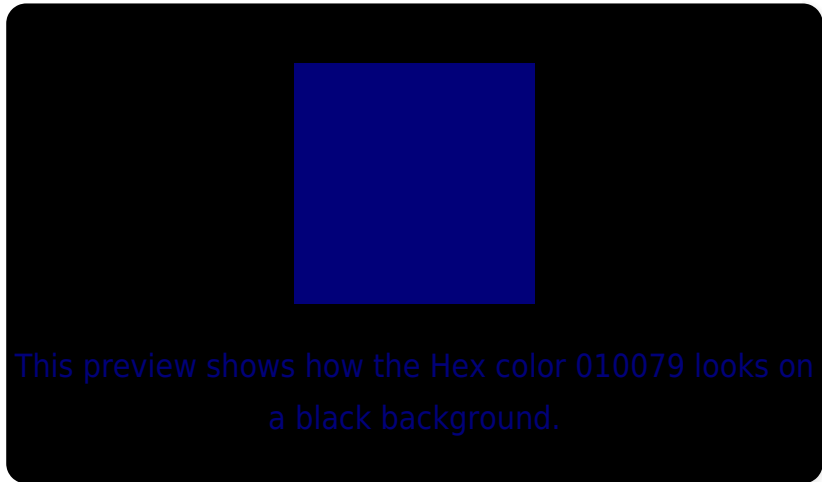
Large Text (above 18pt) WCAG AA ✓ Pass

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

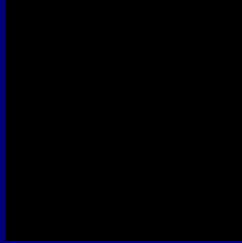
Any Text WCAG AA × Fail

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 010079 Background



This preview shows how black text looks on a background with the Hex color 010079.



This preview shows how white text looks on a background with the Hex color 010079.

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

010079

Protanopia

00234A

Deuteranopia

00263F



Tritanopia
00292A

Trichromacy



Original Color
010079

Protanomaly
00165B

Deuteranomaly
001854

Tritanomaly
001A47

Monochromacy



Original Color
010079

Achromatopsia
0E0E0E

Achromatomaly
090935

CSS Examples

Text

The CSS property to change the color of the text to Hex 010079 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 #010079 looks like.

```
.text, #text, p{  
    color:#010079  
}
```

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 #010079 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #010079
}
```

Border

The CSS property to change the border of an element to Hex 010079 is called "border". The border property can be set on classes, ids or directly on the HTML element.

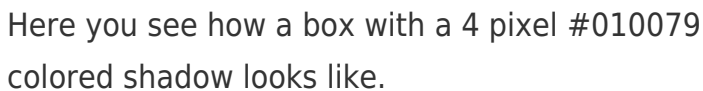
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#010079 }
```

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

```
.border{ border-color:#010079 }
```

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



Here you see how a box with a 4 pixel #010079 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #010079; -webkit-box-shadow:4px 4px  
4px 4px #010079; box-shadow:4px 4px 4px  
4px #010079 }
```

Background

The CSS property to change the background color of an element to Hex 010079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#010079 }
```

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

```
.background{ background-color:#010079 }
```

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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