

Converting Colors

Hex(010579)

Have a look what the booklet for
Hex(010579) contains.

Hex(010579)	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(010579)

Conversions

Conversions Part 1

Format	Color
Hex	010579
RGB	1, 5, 121
RGB Percent	0%, 2%, 47%
CMY	0.9961, 0.9804, 0.5255
CMYK	0.99, 0.96, 0.00, 0.53
HSL	238°, 98%, 24%
HSV	238°, 99%, 47%
XYZ	3.5180, 1.4955, 18.1924
YIQ	17.0280, -39.6200, 35.2280

Conversions

Conversions Part 2

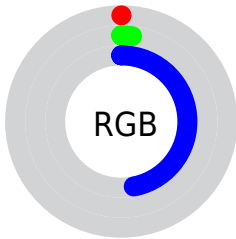
Format	Color
RYB	1, 5, 121
Decimal	66937
CIELab	12.58, 43.44, -60.88
CIELCh	13, 74.792, 305.511
Yxy	1.4955, 0.1516, 0.0644
Android (android.graphics.Color)	4278257017 (0xFF010579)
YUV	17.0280, 51.2582, -14.0566
Hunter-Lab	12.2289, 29.9496, -79.6426

Details

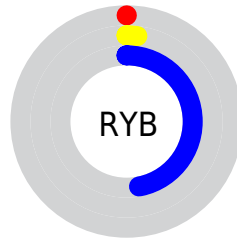
The Hex color **010579** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **797501**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **5035AF**, and **000047** is the 20% darker color. If you saturate the color by 10%, you get **000479**, and if you desaturate by 10%, it is **0D1179**.

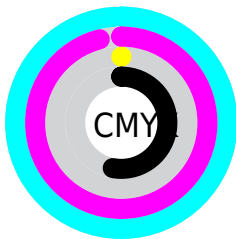
Distribution



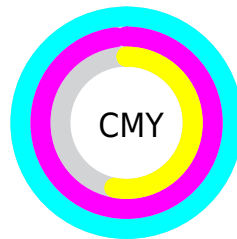
- Red (0%)
- Green (2%)
- Blue (47%)



- Red (0%)
- Yellow (2%)
- Blue (47%)



- Cyan (99%)
- Magenta (96%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (98%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 010579 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 010579 by changing the saturation by 10% instead.

 010579

 010579


 FFEEFF

 00005F

 5035AF

 000047

 6D4DCB

 00042F

 8A66E7

 00011A


 A680FF

 000000

 C49AFF

 E1B5FF

 FFD1FF

 010579

 010579

■ 000479

■ 0D1179

■ 191C79

■ 252879

■ 313479

■ 3D3F79

■ 4A4B79

■ 565779

■ 626379

■ 6E6E79

Harmonies

Analogous

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



00298E



010579



5F004D

Triad

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



010579



490300



00302A

Complementary

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



010579



797501

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.



002F00



010579



212300

Square

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



010579



650000



002C00



00335E

Rectangle

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



010579



6E002B



002C00



002F17

Sweetspot

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



010579



6F709E



017975



33344F



CFCFCF



4F4F4F

Same Dimension

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



010579



00059E



390179



37373D



00047D



0008FC

Inverse Universe

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



790105



9E0005



417901



3D3737



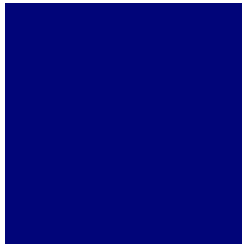
7D0004



FC0008

Previews

White Background



This preview shows how the Hex color 010579 looks on a white background.

Color Contrast Check

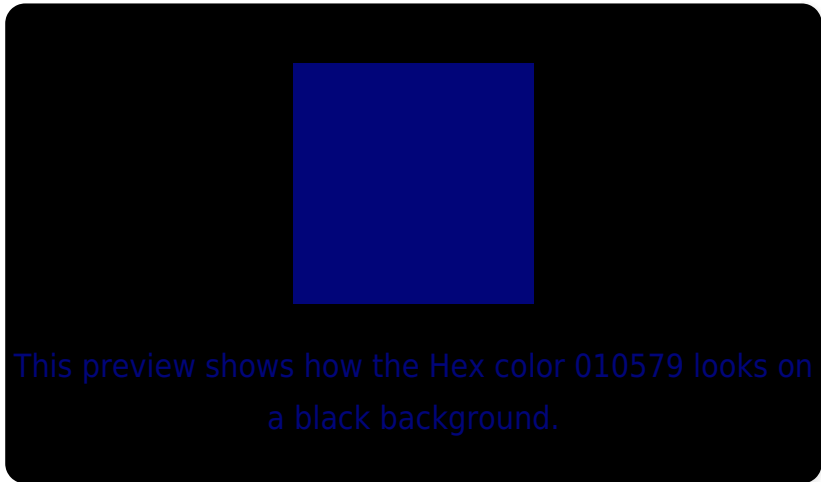
Large Text (above 18pt) WCAG AA ✓ Pass

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

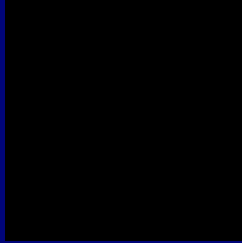
Any Text WCAG AA × Fail

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 010579 Background



This preview shows how black text looks on a background with the Hex color 010579.



This preview shows how white text looks on a background with the Hex color 010579.

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

010579

Protanopia

00234A

Deuteranopia

00263F



Tritanopia
00292B

Trichromacy



Original Color
010579

Protanomaly
00185B

Deuteranomaly
001A54

Tritanomaly
001C47

Monochromacy



Original Color
010579

Achromatopsia
111111

Achromatomaly
0B0D37

CSS Examples

Text

The CSS property to change the color of the text to Hex 010579 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 #010579 looks like.

```
.text, #text, p{  
    color:#010579  
}
```

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 #010579 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #010579
}
```

Border

The CSS property to change the border of an element to Hex 010579 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".

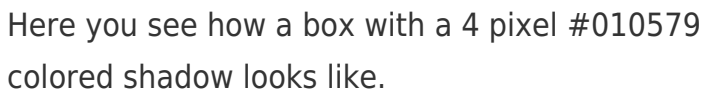
```
.border, #border, table{ border:4px solid
#010579 }
```

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

```
.border{ border-color:#010579 }
```

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

Here you see how a box with a 4 pixel #010579 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin blue border on the top and left sides, and a thick dark blue border on the bottom and right sides. The shadow is a dark blue rectangle that is slightly offset to the bottom and right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #010579; -webkit-box-shadow:4px 4px  
4px 4px #010579; box-shadow:4px 4px 4px  
4px #010579 }
```

Background

The CSS property to change the background color of an element to Hex 010579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#010579 }
```

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

```
.background{ background-color:#010579 }
```

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