

Converting Colors

Hex(300079)

Have a look what the booklet for
Hex(300079) contains.

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Color

Hex(300079)

Conversions

Conversions Part 1

Format	Color
Hex	300079
RGB	48, 0, 121
RGB Percent	19%, 0%, 47%
CMY	0.8118, 1.0000, 0.5255
CMYK	0.60, 1.00, 0.00, 0.53
HSL	264°, 100%, 24%
HSV	264°, 100%, 47%
XYZ	4.6701, 2.0089, 18.2308
YIQ	28.1460, -10.2330, 47.8070

Conversions

Conversions Part 2

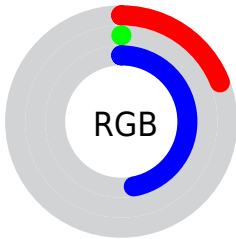
Format	Color
RYB	48, 0, 121
Decimal	3145849
CIELab	15.53, 47.21, -55.86
CIELCh	16, 73.143, 310.202
Yxy	2.0089, 0.1875, 0.0806
Android (android.graphics.Color)	4281335929 (0xFF300079)
YUV	28.1460, 45.7770, 17.4120
Hunter-Lab	14.1734, 34.0120, -66.3413

Details

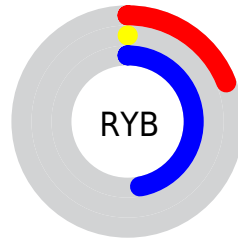
The Hex color **300079** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **497900**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **6937AF**, and **000047** is the 20% darker color. If you saturate the color by 10%, you get **300079**, and if you desaturate by 10%, it is **370C79**.

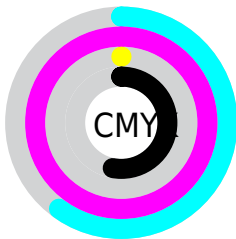
Distribution



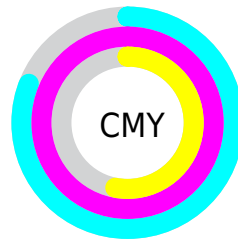
- Red (19%)
- Green (0%)
- Blue (47%)



- Red (19%)
- Yellow (0%)
- Blue (47%)



- Cyan (60%)
- Magenta (100%)
- Yellow (0%)
- Black (53%)



- Cyan (81%)
- Magenta (100%)
- Yellow (53%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 300079 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 300079 by changing the saturation by 10% instead.

 300079

 300079

 FFF2FF

 0C005F

 6937AF

 000047

 8550CA

 00042F

 A169E7

 00011A

 BE83FF

 000000

 DB9EFF

 F8B9FF

 FFD6FF

 300079

■ 370C79

■ 3F1879

■ 462479

■ 4D3079

■ 553C79

■ 5C4979

■ 635579

■ 6A6179

■ 726D79

Harmonies

Analogous

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



002C92



300079



6B004B

Triad

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



300079



4C1400



003838

Complementary

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



300079



497900

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.



003700



300079



212B00

Square

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



300079



6A0000



003300



00396B

Rectangle

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



300079



770029



003300



003726

Sweetspot

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



300079



816F9E



004B79



3E334F



CFCFCF



4F4F4F

Same Dimension

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



300079



3F009E



6B0079



3A373D



32007D



6400FC

Inverse Universe

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



790049



9E005F



0E7900



3D373B



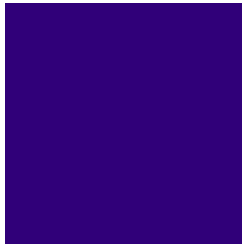
7D004B



FC0098

Previews

White Background



This preview shows how the Hex color 300079 looks on a white background.

Color Contrast Check

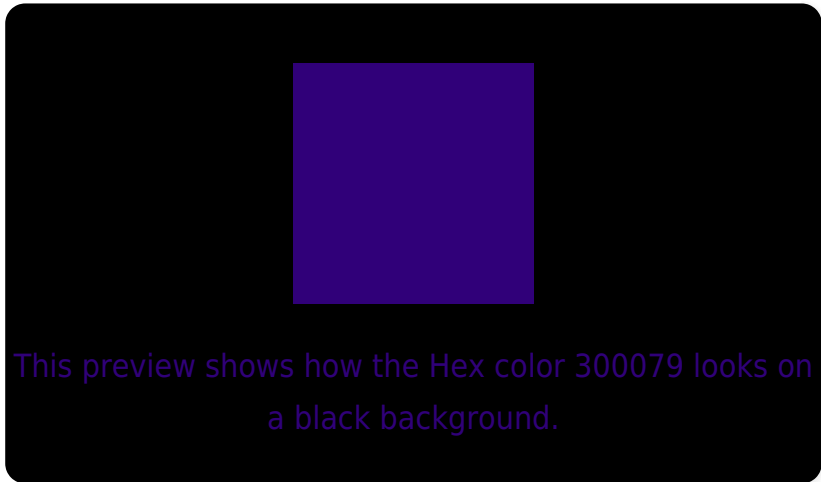
Large Text (above 18pt) WCAG AA ✓ Pass

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

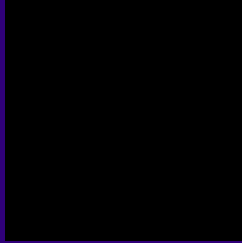
Any Text WCAG AA × Fail

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 300079 Background



This preview shows how black text looks on a background with the Hex color 300079.



This preview shows how white text looks on a background with the Hex color 300079.

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
300079

Protanopia
002957

Deuteranopia
002C4A



Tritanopia
0C2F33

Trichromacy



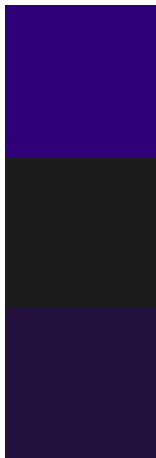
Original Color
300079

Protanomaly
111A63

Deuteranomaly
111C5B

Tritanomaly
191E4C

Monochromacy



Original Color
300079

Achromatopsia
1C1C1C

Achromatomaly
23123E

CSS Examples

Text

The CSS property to change the color of the text to Hex 300079 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 #300079 looks like.

```
.text, #text, p{  
    color:#300079  
}
```

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 #300079 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #300079
}
```

Border

The CSS property to change the border of an element to Hex 300079 is called "border". The border property can be set on classes, ids or directly on the HTML element.

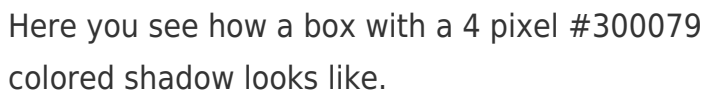
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#300079 }
```

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

```
.border{ border-color:#300079 }
```

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



Here you see how a box with a 4 pixel #300079 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #300079; -webkit-box-shadow:4px 4px  
4px 4px #300079; box-shadow:4px 4px 4px  
4px #300079 }
```

Background

The CSS property to change the background color of an element to Hex 300079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#300079 }
```

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

```
.background{ background-color:#300079 }
```

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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