

Converting Colors

Hex(300959)

Have a look what the booklet for
Hex(300959) contains.

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Color

Hex(300959)

Conversions

Conversions Part 1

Format	Color
Hex	300959
RGB	48, 9, 89
RGB Percent	19%, 4%, 35%
CMY	0.8118, 0.9647, 0.6510
CMYK	0.46, 0.90, 0.00, 0.65
HSL	269°, 82%, 19%
HSV	269°, 90%, 35%
XYZ	3.1198, 1.5450, 9.5850
YIQ	29.7810, -2.4360, 33.1480

Conversions

Conversions Part 2

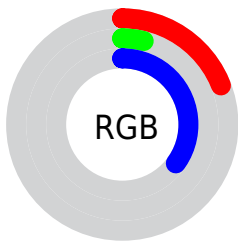
Format	Color
R_{YB}	48, 9, 89
Decimal	3148121
CIE _{Lab}	12.89, 35.56, -39.16
CIE _{LCh}	13, 52.893, 312.243
Yxy	1.5450, 0.2189, 0.1084
Android (android.graphics.Color)	4281338201 (0xFF300959)
YUV	29.7810, 29.1950, 15.9781
Hunter-Lab	12.4299, 23.0495, -37.0190

Details

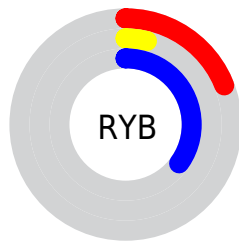
The Hex color **300959** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **325909**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **63398C**, and **00002A** is the 20% darker color. If you saturate the color by 10%, you get **2B0059**, and if you desaturate by 10%, it is **351259**.

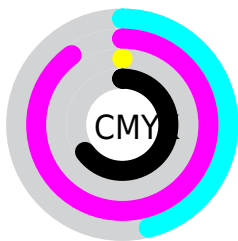
Distribution



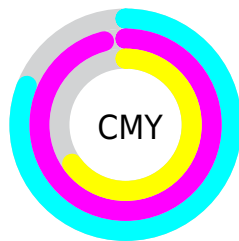
- Red (19%)
- Green (4%)
- Blue (35%)



- Red (19%)
- Yellow (4%)
- Blue (35%)



- Cyan (46%)
- Magenta (90%)
- Yellow (0%)
- Black (65%)



- Cyan (81%)
- Magenta (96%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 300959 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 300959 by changing the saturation by 10% instead.

 300959

 300959

 FFF2FF

 190041

 63398C

 00002A

 7E51A7

 000114

 996AC2

 000000

 B484DE

 D09EFB

 EDBAFF

 FFD6FF

 300959

 300959

■ 2B0059

■ 351259

■ 391B59

■ 3E2459

■ 422D59

■ 473559

■ 4B3E59

■ 504759

■ 545059

■ 595959

Harmonies

Analogous

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



00236B



300959



540039

Triad

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



300959



3C1700



003030

Complementary

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



300959



325909

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.



002F05



300959



1D2500

Square

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



300959



520000



002B00



002F53

Rectangle

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



300959



5C0021



002B00



003023

Sweetspot

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



300959



635473



093259



31283B



BABABA



3B3B3B

Same Dimension

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



300959



380073



580959



29272B



34006B



7200EB

Inverse Universe

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



590932



73003B



0A5909



2B2729



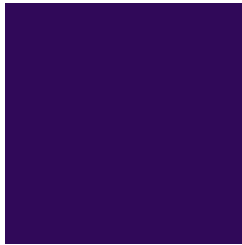
6B0037



EB0078

Previews

White Background



This preview shows how the Hex color 300959 looks on a white background.

Color Contrast Check

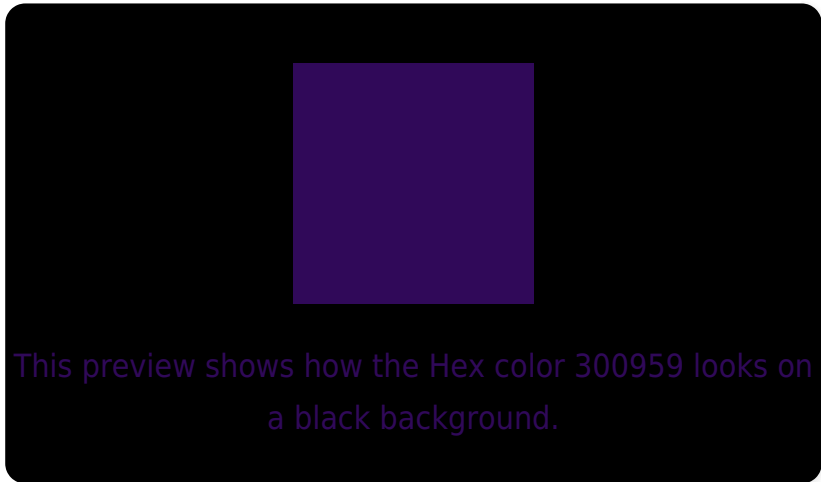
Large Text (above 18pt) WCAG AA ✓ Pass

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

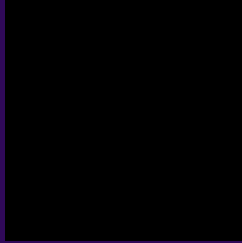
Any Text WCAG AA × Fail

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 300959 Background



This preview shows how black text looks on a background with the Hex color 300959.



This preview shows how white text looks on a background with the Hex color 300959.

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
300959

Protanopia
002248

Deuteranopia
00253E



Tritanopia
232326

Trichromacy



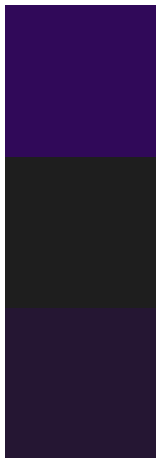
Original Color
300959

Protanomaly
11194E

Deuteranomaly
111B48

Tritanomaly
281A39

Monochromacy



Original Color
300959

Achromatopsia
1E1E1E

Achromatomaly
251633

CSS Examples

Text

The CSS property to change the color of the text to Hex 300959 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 #300959 looks like.

```
.text, #text, p{  
    color:#300959  
}
```

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 #300959 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #300959
}
```

Border

The CSS property to change the border of an element to Hex 300959 is called "border". The border property can be set on classes, ids or directly on the HTML element.

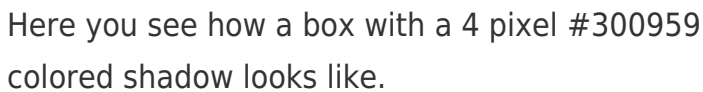
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#300959 }
```

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

```
.border{ border-color:#300959 }
```

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



Here you see how a box with a 4 pixel #300959 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #300959; -webkit-box-shadow:4px 4px  
4px 4px #300959; box-shadow:4px 4px 4px  
4px #300959 }
```

Background

The CSS property to change the background color of an element to Hex 300959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#300959 }
```

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

```
.background{ background-color:#300959 }
```

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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