

Converting Colors

Hex(300047)

Have a look what the booklet for
Hex(300047) contains.

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Color

Hex(300047)

Conversions

Conversions Part 1

Format	Color
Hex	300047
RGB	48, 0, 71
RGB Percent	19%, 0%, 28%
CMY	0.8118, 1.0000, 0.7216
CMYK	0.32, 1.00, 0.00, 0.72
HSL	281°, 100%, 14%
HSV	281°, 100%, 28%
XYZ	2.3563, 1.0833, 6.0461
YIQ	22.4460, 5.8170, 32.2570

Conversions

Conversions Part 2

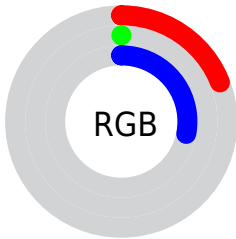
Format	Color
R_{YB}	48, 0, 71
Decimal	3145799
CIE Lab	9.67, 35.16, -32.05
CIE LCh	10, 47.573, 317.649
Yxy	1.0833, 0.2484, 0.1142
Android (android.graphics.Color)	4281335879 (0xFF300047)
YUV	22.4460, 23.9371, 22.4109
Hunter-Lab	10.4082, 22.1952, -27.1559

Details

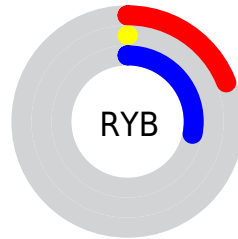
The Hex color **300047** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **174700**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **623178**, and **00011A** is the 20% darker color. If you saturate the color by 10%, you get **300047**, and if you desaturate by 10%, it is **320747**.

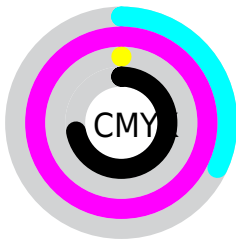
Distribution



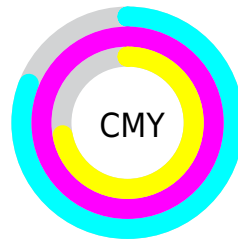
- Red (19%)
- Green (0%)
- Blue (28%)



- Red (19%)
- Yellow (0%)
- Blue (28%)



- Cyan (32%)
- Magenta (100%)
- Yellow (0%)
- Black (72%)



- Cyan (81%)
- Magenta (100%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 300047 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 300047 by changing the saturation by 10% instead.

 300047

 300047

 FFE8FF

 1E0030

 623178

 00011A

 7C4992

 000000

 9661AD

 B27BC8

 CE95E5

 EBB0FF

 FFCCFF

 300047

■ 320747

■ 350E47

■ 371547

■ 391C47

■ 3B2447

■ 3E2B47

■ 403247

■ 423947

■ 454047

Harmonies

Analogous

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



00195A



300047



4A0029

Triad

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



300047



2E1500



00282E

Complementary

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



300047



174700

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.



002709



300047



0F1F00

Square

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



300047



420000



002500



00284B

Rectangle

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



300047



4E0014



002500



002823

Sweetspot

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



300047



53405C



001847



291D2E



ADADAD



2E2E2E

Same Dimension

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



300047



3E005C



47003B



232024



430063



9900E3

Inverse Universe

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



470017



5C001E



00470C



242021



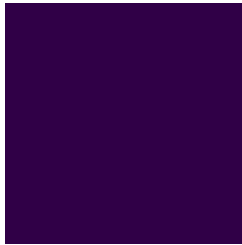
630020



E3004A

Previews

White Background



This preview shows how the Hex color 300047 looks on a white background.

Color Contrast Check

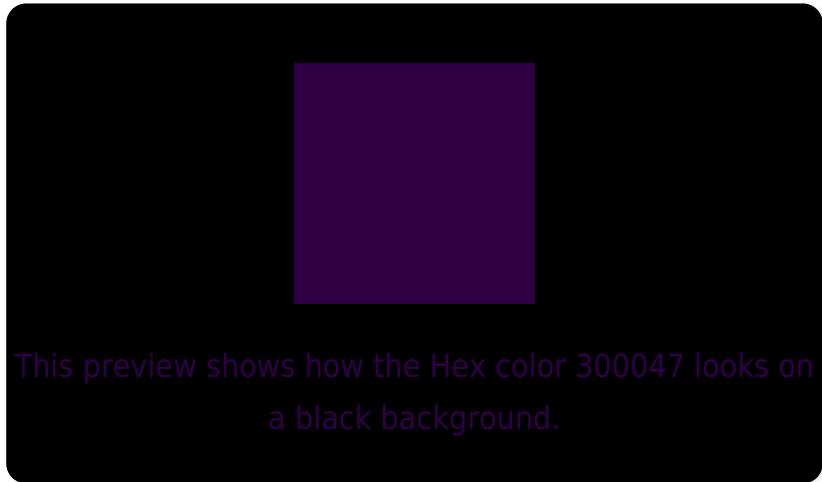
Large Text (above 18pt) WCAG AA ✓ Pass

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

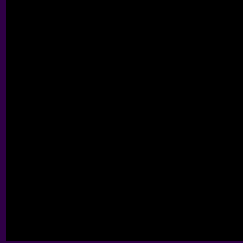
Any Text WCAG AA × Fail

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 300047 Background



This preview shows how black text looks on a background with the Hex color 300047.



This preview shows how white text looks on a background with the Hex color 300047.

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
300047

Protanopia
001E40

Deuteranopia
002037



Tritanopia
291C1E

Trichromacy



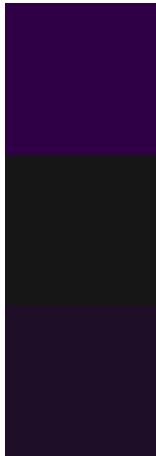
Original Color
300047

Protanomaly
111343

Deuteranomaly
11143D

Tritanomaly
2C122D

Monochromacy



Original Color
300047

Achromatopsia
161616

Achromatomaly
1F0E28

CSS Examples

Text

The CSS property to change the color of the text to Hex 300047 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 #300047 looks like.

```
.text, #text, p{  
    color:#300047  
}
```

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 #300047 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #300047
}
```

Border

The CSS property to change the border of an element to Hex 300047 is called "border". The border property can be set on classes, ids or directly on the HTML element.

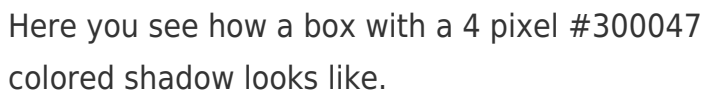
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#300047 }
```

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

```
.border{ border-color:#300047 }
```

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



Here you see how a box with a 4 pixel #300047 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #300047; -webkit-box-shadow:4px 4px  
4px 4px #300047; box-shadow:4px 4px 4px  
4px #300047 }
```

Background

The CSS property to change the background color of an element to Hex 300047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#300047 }
```

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

```
.background{ background-color:#300047 }
```

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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