

# Converting Colors

Hex(300D47)

Have a look what the booklet for  
Hex(300D47) contains.

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# Color

**Hex(300D47)**

# Conversions

## Conversions Part 1

Format	Color
Hex	300D47
RGB	48, 13, 71
RGB Percent	19%, 5%, 28%
CMY	0.8118, 0.9490, 0.7216
CMYK	0.32, 0.82, 0.00, 0.72
HSL	276°, 69%, 16%
HSV	276°, 82%, 28%
XYZ	2.5002, 1.3712, 6.0941
YIQ	30.0770, 2.2420, 25.4580

# Conversions

## Conversions Part 2

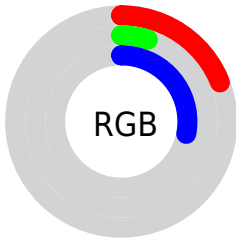
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	48, 13, 71
Decimal	3149127
CIE <sub>Lab</sub>	11.76, 29.03, -28.63
CIE <sub>LCh</sub>	12, 40.773, 315.391
Yxy	1.3712, 0.2509, 0.1376
Android (android.graphics.Color)	4281339207 (0xFF300D47)
YUV	30.0770, 20.1750, 15.7185
Hunter-Lab	11.7096, 17.6204, -22.6599

# Details

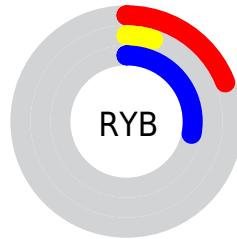
The Hex color **300D47** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **24470D**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **613B78**, and **00011B** is the 20% darker color. If you saturate the color by 10%, you get **2D0647**, and if you desaturate by 10%, it is **331447**.

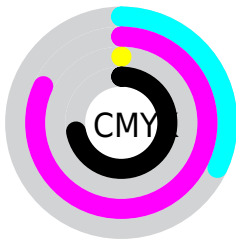
# Distribution



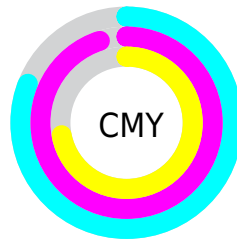
- Red (19%)
- Green (5%)
- Blue (28%)



- Red (19%)
- Yellow (5%)
- Blue (28%)



- Cyan (32%)
- Magenta (82%)
- Yellow (0%)
- Black (72%)



- Cyan (81%)
- Magenta (95%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 300D47 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 300D47 by changing the saturation by 10% instead.




 300D47

 300D47

 FFF3FF

 1C0030

 613B78

 00011B

 7B5292

 000000

 956BAD

 B085C8

 CC9FE4

 E9BAFF

 FFD6FF

 300D47

 300D47

■ 2D0647

■ 331447

■ 2B0047

■ 361B47

■ 382247

■ 3B2947

■ 3E3147

■ 413847

■ 443F47

■ 474647

■ 494D47

# Harmonies

## Analogous

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



001E56



300D47



48002E

# Triad

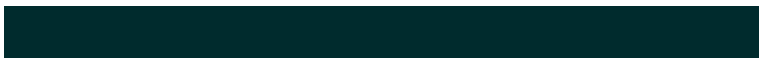
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



300D47



331900



002B2D

# Complementary

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



300D47



24470D

# 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.



002A0F



300D47



1B2200

# Square

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



300D47



450600



002700



002A47

# Rectangle

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



300D47



4D001B



002700



002B23



# Sweetspot

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



300D47



53455C



0D2447



28202E



ADADAD



2E2E2E



# Same Dimension

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



300D47



38025C



470D41



222024



3C0063



8900E3



# Inverse Universe

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



470D24



5C0226



0D4713



242022



630027

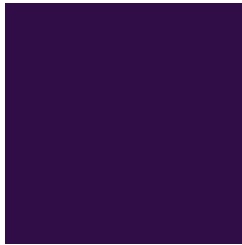


E3005A



# Previews

## White Background



This preview shows how the Hex color 300D47 looks on a white background.

## Color Contrast Check

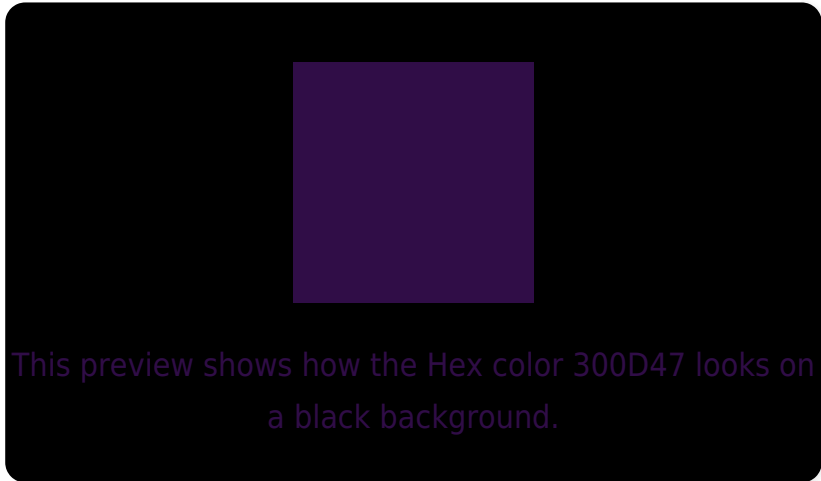
Large Text (above 18pt) WCAG AA ✓ Pass

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

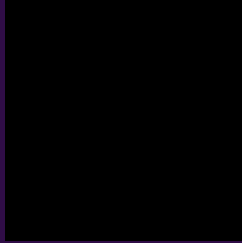
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 300D47 Background



This preview shows how black text looks on a background with the Hex color 300D47.



This preview shows how white text looks on a background with the Hex color 300D47.

# 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**  
300D47

**Protanopia**  
002043

**Deuteranopia**  
00223A



# Trichromacy



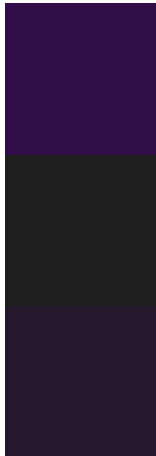
**Original Color**  
300D47

**Protanomaly**  
111944

**Deuteranomaly**  
111A3F

**Tritanomaly**  
2C182E

# Monochromacy



**Original Color**  
300D47

**Achromatopsia**  
1E1E1E

**Achromatomaly**  
25182D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 300D47 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 #300D47 looks like.

```
.text, #text, p{  
    color:#300D47  
}
```

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 #300D47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #300D47  
}
```

## Border

The CSS property to change the border of an element to Hex 300D47 is called "border". The border property can be set on classes, ids or directly on the HTML element.

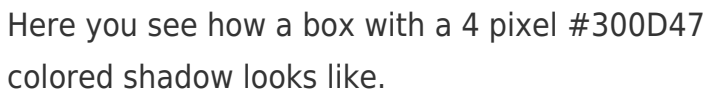
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#300D47 }
```

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

```
.border{ border-color:#300D47 }
```

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



Here you see how a box with a 4 pixel #300D47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #300D47; -webkit-box-shadow:4px 4px  
4px 4px #300D47; box-shadow:4px 4px 4px  
4px #300D47 }
```

# Background

The CSS property to change the background color of an element to Hex 300D47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#300D47 }
```

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

```
.background{ background-color:#300D47 }
```

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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