

Converting Colors

Hex(300553)

Have a look what the booklet for
Hex(300553) contains.

Hex(300553)	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(300553)

Conversions

Conversions Part 1

Format	Color
Hex	300553
RGB	48, 5, 83
RGB Percent	19%, 2%, 33%
CMY	0.8118, 0.9804, 0.6745
CMYK	0.42, 0.94, 0.00, 0.67
HSL	273°, 89%, 17%
HSV	273°, 94%, 33%
XYZ	2.8345, 1.3615, 8.2970
YIQ	26.7490, 0.5900, 33.3740

Conversions

Conversions Part 2

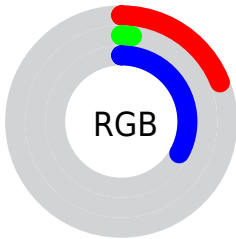
Format	Color
R_{YB}	48, 5, 83
Decimal	3147091
CIE _{Lab}	11.70, 35.66, -37.03
CIE _{LCh}	12, 51.415, 313.919
Yxy	1.3615, 0.2269, 0.1090
Android (android.graphics.Color)	4281337171 (0xFF300553)
YUV	26.7490, 27.7317, 18.6371
Hunter-Lab	11.6681, 22.9436, -33.9924

Details

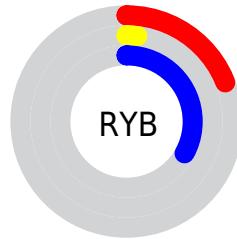
The Hex color **300553** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **285305**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **633685**, and **000225** is the 20% darker color. If you saturate the color by 10%, you get **2E0053**, and if you desaturate by 10%, it is **340D53**.

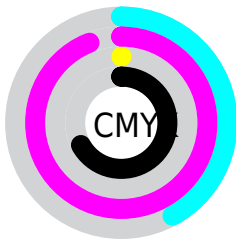
Distribution



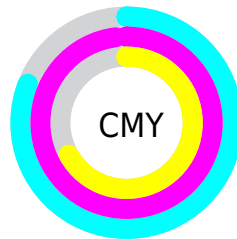
- Red (19%)
- Green (2%)
- Blue (33%)



- Red (19%)
- Yellow (2%)
- Blue (33%)



- Cyan (42%)
- Magenta (94%)
- Yellow (0%)
- Black (67%)



- Cyan (81%)
- Magenta (98%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 300553 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 300553 by changing the saturation by 10% instead.

 300553

 300553

 FFEEFF

 1B003C

 633685

 000225

 7D4EA0

 00010D

 9867BB

 000000

 B380D7

 D09BF4

 ECB6FF

 FFD2FF

 300553

 300553

■ 2E0053

■ 340D53

■ 371653

■ 3B1E53

■ 3F2653

■ 432E53

■ 463753

■ 4A3F53

■ 4E4753

■ 525053

Harmonies

Analogous

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



001F66



300553



510033

Triad

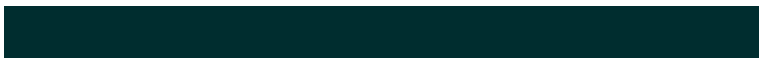
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



300553



371600



002D2F

Complementary

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



300553



285305

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.



002C05



300553



182300

Square

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



300553



4D0000



002900



002C50

Rectangle

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



300553



57001C



002900



002D23

Sweetspot

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



300553



5E4D6B



052853



2D2336



B5B5B5



363636

Same Dimension

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



300553



3B006B



53054F



272529



3A0069



8000E8

Inverse Universe

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



530528



6B0030



055309



292527



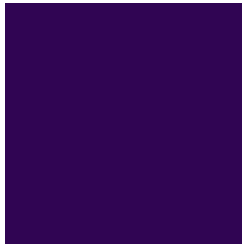
69002F



E80068

Previews

White Background



This preview shows how the Hex color 300553 looks on a white background.

Color Contrast Check

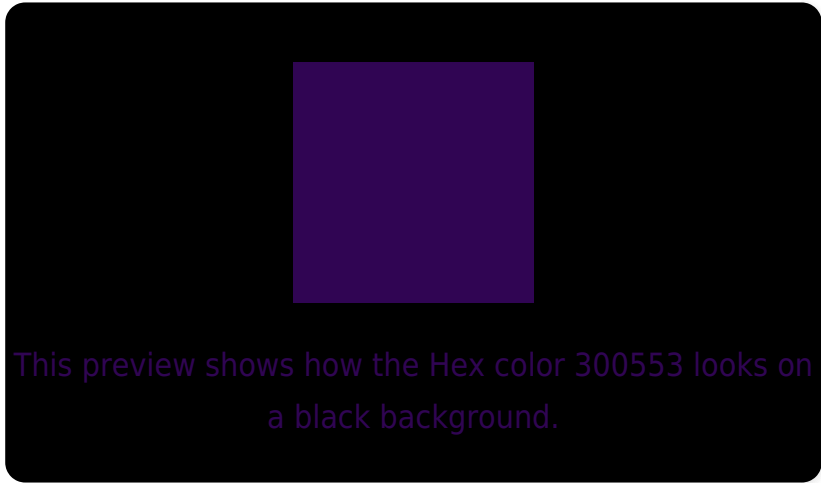
Large Text (above 18pt) WCAG AA ✓ Pass

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

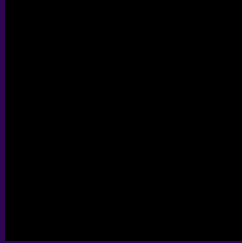
Any Text WCAG AA × Fail

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 300553 Background



This preview shows how black text looks on a background with the Hex color 300553.



This preview shows how white text looks on a background with the Hex color 300553.

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
300553

Protanopia
002145

Deuteranopia
00233B

Trichromacy



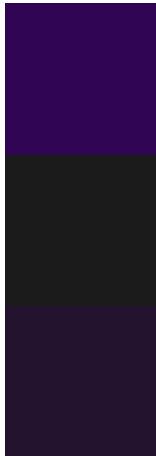
Original Color
300553

Protanomaly
11174A

Deuteranomaly
111844

Tritanomaly
291734

Monochromacy



Original Color
300553

Achromatopsia
1B1B1B

Achromatomaly
23132F

CSS Examples

Text

The CSS property to change the color of the text to Hex 300553 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 #300553 looks like.

```
.text, #text, p{  
    color:#300553  
}
```

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 #300553 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #300553
}
```

Border

The CSS property to change the border of an element to Hex 300553 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".

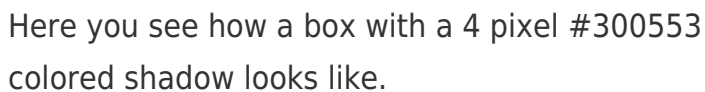
```
.border, #border, table{ border:4px solid
#300553 }
```

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

```
.border{ border-color:#300553 }
```

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

Here you see how a box with a 4 pixel #300553 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #300553; -webkit-box-shadow:4px 4px  
4px 4px #300553; box-shadow:4px 4px 4px  
4px #300553 }
```

Background

The CSS property to change the background color of an element to Hex 300553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#300553 }
```

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

```
.background{ background-color:#300553 }
```

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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