

Converting Colors

Hex(300F52)

Have a look what the booklet for
Hex(300F52) contains.

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Color

Hex(300F52)

Conversions

Conversions Part 1

Format	Color
Hex	300F52
RGB	48, 15, 82
RGB Percent	19%, 6%, 32%
CMY	0.8118, 0.9412, 0.6784
CMYK	0.41, 0.82, 0.00, 0.68
HSL	270°, 69%, 19%
HSV	270°, 82%, 32%
XYZ	2.9127, 1.5792, 8.1339
YIQ	32.5050, -1.8390, 27.8330

Conversions

Conversions Part 2

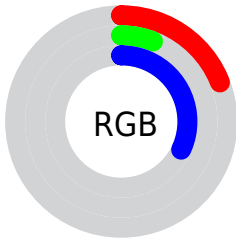
Format	Color
R_{YB}	48, 15, 82
Decimal	3149650
CIE _{Lab}	13.10, 31.02, -34.05
CIE _{LCh}	13, 46.067, 312.333
Yxy	1.5792, 0.2307, 0.1251
Android (android.graphics.Color)	4281339730 (0xFF300F52)
YUV	32.5050, 24.4010, 13.5891
Hunter-Lab	12.5667, 19.3814, -29.5794

Details

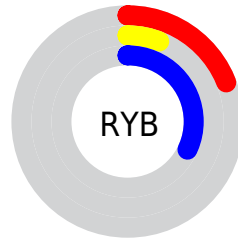
The Hex color **300F52** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **31520F**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **623D84**, and **000124** is the 20% darker color. If you saturate the color by 10%, you get **2C0752**, and if you desaturate by 10%, it is **341752**.

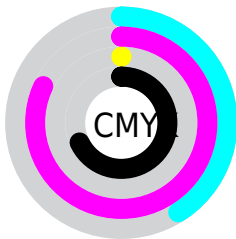
Distribution



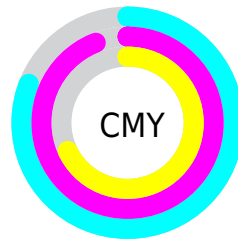
- Red (19%)
- Green (6%)
- Blue (32%)



- Red (19%)
- Yellow (6%)
- Blue (32%)



- Cyan (41%)
- Magenta (82%)
- Yellow (0%)
- Black (68%)



- Cyan (81%)
- Magenta (94%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 300F52 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 300F52 by changing the saturation by 10% instead.

 300F52

 300F52

 FFF6FF

 1A003B

 623D84

 000124

 7C559F

 00000C

 976EBA

 000000

 B287D6

 CEA2F2

 EBBDFE

 FFD9FF

 300F52

 300F52

■ 2C0752

■ 341752

■ 280052

■ 381F52

■ 3C2852

■ 413052

■ 453852

■ 494052

■ 4D4852

■ 515152

■ 555952

Harmonies

Analogous

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



002262



300F52



4F0036

Triad

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



300F52



3A1900



002F2F

Complementary

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



300F52



31520F

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.



002E0B



300F52



1F2500

Square

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



300F52



4E0000



002A00



002E4D

Rectangle

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



300F52



560021



002A00



002F23

Sweetspot

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



300F52



5E506B



0F3252



2D2536



B5B5B5



363636

Same Dimension

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



300F52



36026B



510F52



272529



330069



7200E8

Inverse Universe

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



520F31



6B0237



10520F



292527



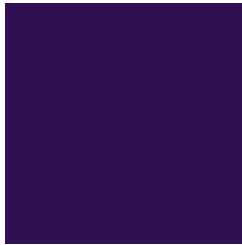
690035



E80076

Previews

White Background



This preview shows how the Hex color 300F52 looks on a white background.

Color Contrast Check

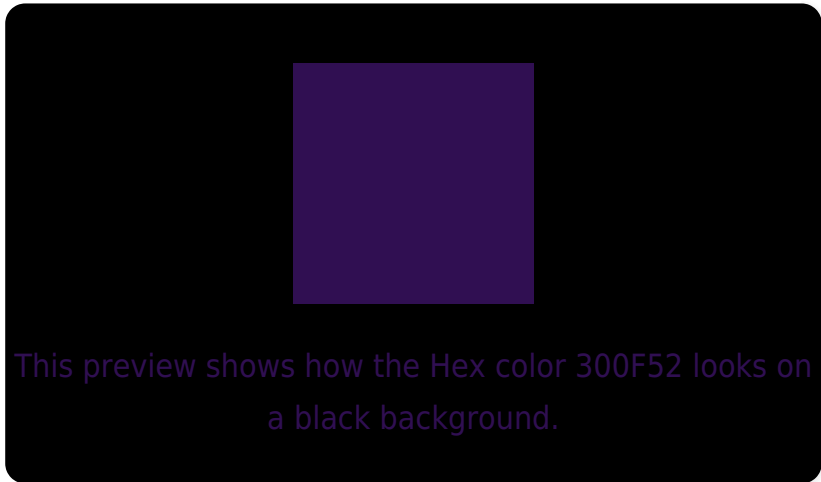
Large Text (above 18pt) WCAG AA ✓ Pass

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

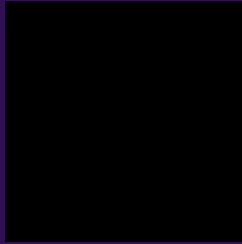
Any Text WCAG AA × Fail

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 300F52 Background



This preview shows how black text looks on a background with the Hex color 300F52.



This preview shows how white text looks on a background with the Hex color 300F52.

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
300F52

Protanopia
002248

Deuteranopia
00243E



Tritanopia
262225

Trichromacy



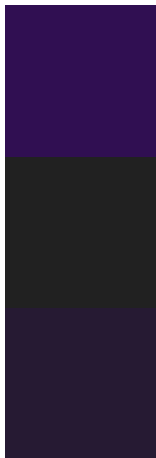
Original Color
300F52

Protanomaly
111B4C

Deuteranomaly
111C45

Tritanomaly
2A1B35

Monochromacy



Original Color
300F52

Achromatopsia
212121

Achromatomaly
261A33

CSS Examples

Text

The CSS property to change the color of the text to Hex 300F52 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 #300F52 looks like.

```
.text, #text, p{  
    color:#300F52  
}
```

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 #300F52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #300F52  
}
```

Border

The CSS property to change the border of an element to Hex 300F52 is called "border". The border property can be set on classes, ids or directly on the HTML element.

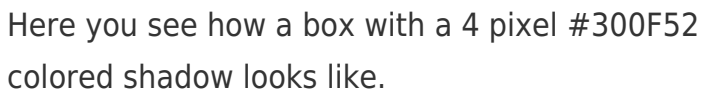
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#300F52 }
```

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

```
.border{ border-color:#300F52 }
```

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



Here you see how a box with a 4 pixel #300F52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #300F52; -webkit-box-shadow:4px 4px  
4px 4px #300F52; box-shadow:4px 4px 4px  
4px #300F52 }
```

Background

The CSS property to change the background color of an element to Hex 300F52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#300F52 }
```

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

```
.background{ background-color:#300F52 }
```

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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