

Converting Colors

Hex(300919)

Have a look what the booklet for
Hex(300919) contains.

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Color

Hex(300919)

Conversions

Conversions Part 1

Format	Color
Hex	300919
RGB	48, 9, 25
RGB Percent	19%, 4%, 10%
CMY	0.8118, 0.9647, 0.9020
CMYK	0.00, 0.81, 0.48, 0.81
HSL	335°, 68%, 11%
HSV	335°, 81%, 19%
XYZ	1.4921, 0.8939, 1.0136
YIQ	22.4850, 18.1080, 13.2440

Conversions

Conversions Part 2

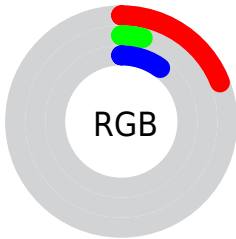
Format	Color
RYB	48, 9, 25
Decimal	3148057
CIELab	8.07, 21.43, -0.56
CIElCh	8, 21.432, 358.491
Yxy	0.8939, 0.4389, 0.2630
Android (android.graphics.Color)	4281338137 (0xFF300919)
YUV	22.4850, 1.2399, 22.3767
Hunter-Lab	9.4548, 11.6233, 0.2622




Details

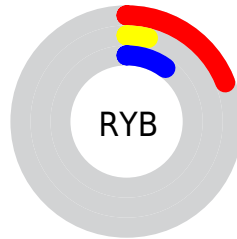
The Hex color **300919** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **093020**, and the grayscale version is **161616**.




A 20% lighter version of the original color is **603544**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **300416**, and if you desaturate by 10%, it is **300E1C**.

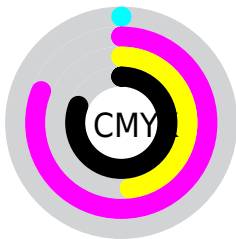
Distribution







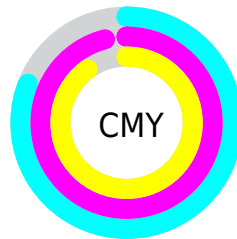
-  Red (19%)
-  Green (4%)
-  Blue (10%)






-  Red (19%)
-  Yellow (4%)
-  Blue (10%)



-  Cyan (0%)
-  Magenta (81%)
-  Yellow (48%)
-  Black (81%)



-  Cyan (81%)
-  Magenta (96%)
-  Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 300919 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 300919 by changing the saturation by 10% instead.

 300919

 300919

 FFEBFB

 1A0001

 603544

 000000

 7A4C5B

 946574

 AF7E8D

 CB98A8

 E8B3C3

 FFCFDF

 300919

 300919

■ 300416

■ 300E1C

■ 300014

■ 30131F

■ 301721

■ 301C24

■ 302127

■ 30262A

■ 302B2D

■ 302F30

■ 303432

Harmonies

Analogous

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



280D27



300919



310B06

Triad

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



300919



111B00



001D30

Complementary

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



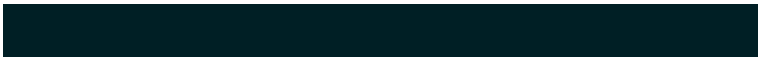
300919



093020

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.



001F25



300919



001E01

Square

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



300919



201700



001F16



001A34

Rectangle

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



300919



2D0F00



001F16



001E2D

Sweetspot

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



300919



3D2F35



200930



1F1619



9E9E9E



1F1F1F

Same Dimension

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



300919



3D011A



300C09



171516



570024



D60058

Inverse Universe

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



300919



3D011A



092D30



171516



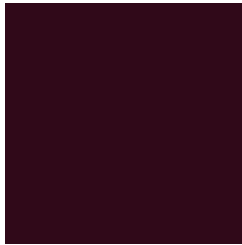
570024



D60058

Previews

White Background



This preview shows how the Hex color 300919 looks on a white background.

Color Contrast Check

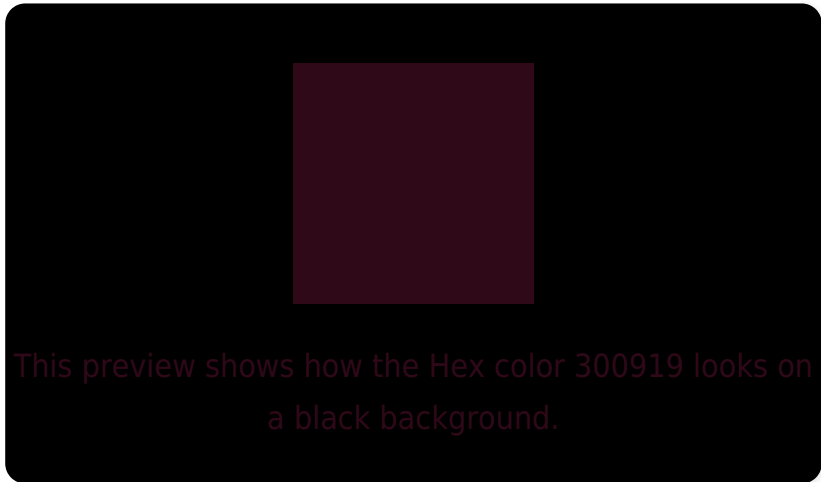
Large Text (above 18pt) WCAG AA ✓ Pass

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

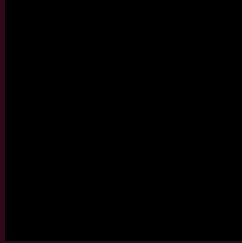
Any Text WCAG AA × Fail

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 300919 Background



This preview shows how black text looks on a background with the Hex color 300919.



This preview shows how white text looks on a background with the Hex color 300919.

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](#).

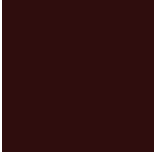
Dichromacy



Original Color
300919

Protanopia
171A22

Deuteranopia
1D1917



Tritanopia
2F0D0D

Trichromacy



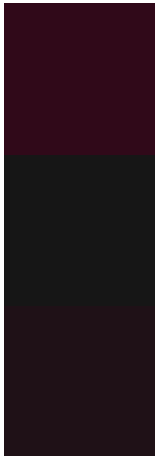
Original Color
300919

Protanomaly
20141F

Deuteranomaly
241318

Tritanomaly
2F0C11

Monochromacy



Original Color
300919

Achromatopsia
161616

Achromatomaly
1F1117

CSS Examples

Text

The CSS property to change the color of the text to Hex 300919 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 #300919 looks like.

```
.text, #text, p{  
    color:#300919  
}
```

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 #300919 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #300919
}
```

Border

The CSS property to change the border of an element to Hex 300919 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".

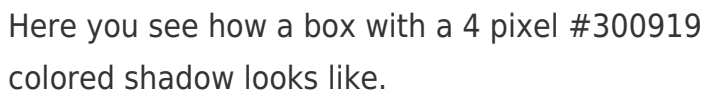
```
.border, #border, table{ border:4px solid
#300919 }
```

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

```
.border{ border-color:#300919 }
```

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

Here you see how a box with a 4 pixel #300919 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is visible on the right and bottom edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #300919; -webkit-box-shadow:4px 4px  
4px 4px #300919; box-shadow:4px 4px 4px  
4px #300919 }
```

Background

The CSS property to change the background color of an element to Hex 300919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#300919 }
```

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

```
.background{ background-color:#300919 }
```

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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