

Converting Colors

Hex(300027)

Have a look what the booklet for
Hex(300027) contains.

Hex(300027)	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(300027)

Conversions

Conversions Part 1

Format	Color
Hex	300027
RGB	48, 0, 39
RGB Percent	19%, 0%, 15%
CMY	0.8118, 1.0000, 0.8471
CMYK	0.00, 1.00, 0.19, 0.81
HSL	311°, 100%, 9%
HSV	311°, 100%, 19%
XYZ	1.5851, 0.7749, 1.9855
YIQ	18.7980, 16.0890, 22.3050

Conversions

Conversions Part 2

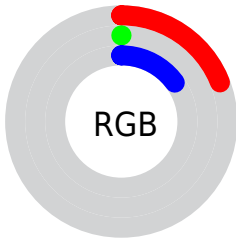
Format	Color
R_{YB}	48, 0, 39
Decimal	3145767
CIE Lab	7.00, 28.61, -12.99
CIE LCh	7, 31.421, 335.584
Yxy	0.7749, 0.3648, 0.1783
Android (android.graphics.Color)	4281335847 (0xFF300027)
YUV	18.7980, 9.9596, 25.6102
Hunter-Lab	8.8026, 16.7388, -7.2113

Details

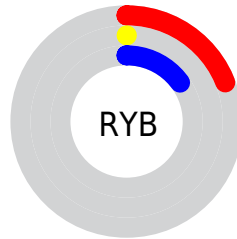
The Hex color **300027** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **003009**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **602E54**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **300027**, and if you desaturate by 10%, it is **300528**.

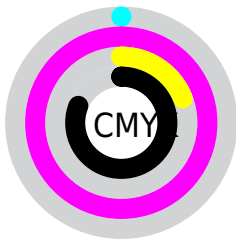
Distribution



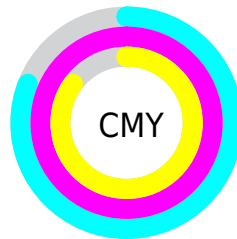
- Red (19%)
- Green (0%)
- Blue (15%)



- Red (19%)
- Yellow (0%)
- Blue (15%)



- Cyan (0%)
- Magenta (100%)
- Yellow (19%)
- Black (81%)



- Cyan (81%)
- Magenta (100%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 300027 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 300027 by changing the saturation by 10% instead.

 300027

 300027

 FFE4FF

 190012

 602E54

 000000

 7A456C

 945E86

 B077A0

 CB91BB

 E8ACD7

 FFC8F3

 300027

■ 300528

■ 300A29

■ 300E2A

■ 30132B

■ 30182C

■ 301D2C

■ 30222D

■ 30262E

■ 302B2F

Harmonies

Analogous

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



180D38



300027



380012

Triad

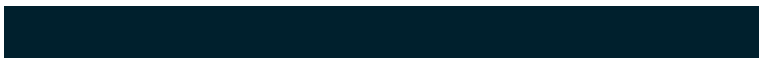
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



300027



191600



00202D

Complementary

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



300027



003009

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.



002119



300027



001C00

Square

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



300027



2A0D00



002000



001D3B

Rectangle

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



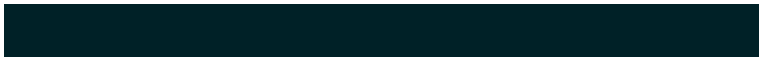
300027



380000



002000



002127

Sweetspot

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



300027



3D2B3A



090030



1F141D



9E9E9E



1F1F1F

Same Dimension

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



300027



3D0032



30000F



171517



570046



D600AE

Inverse Universe

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



300027



3D0032



003021



171517



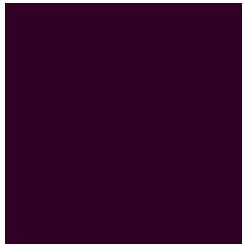
570046



D600AE

Previews

White Background



This preview shows how the Hex color 300027 looks on a white background.

Color Contrast Check

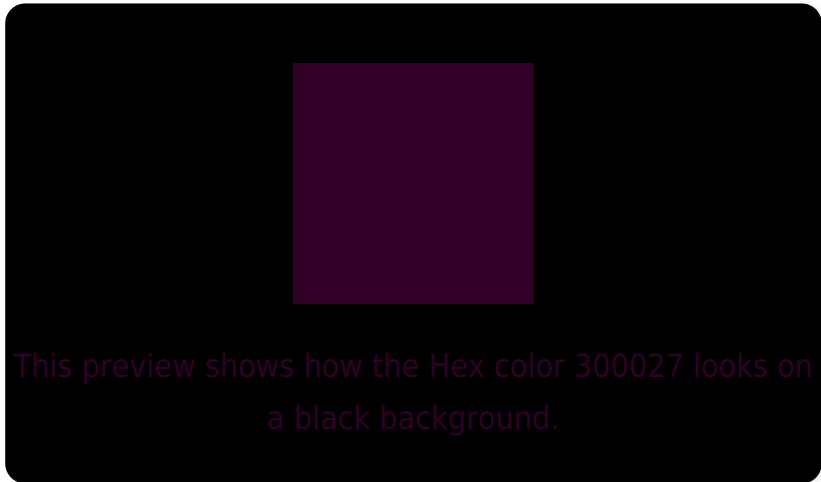
Large Text (above 18pt) WCAG AA ✓ Pass

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

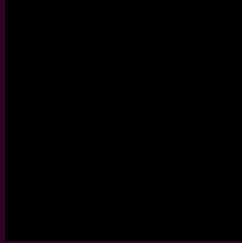
Any Text WCAG AA × Fail

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 300027 Background



This preview shows how black text looks on a background with the Hex color 300027.



This preview shows how white text looks on a background with the Hex color 300027.

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
300027

Protanopia
001936

Deuteranopia
171A25



Tritanopia
2E0F10

Trichromacy



Original Color
300027

Protanomaly
111031

Deuteranomaly
201126

Tritanomaly
2F0A18

Monochromacy



Original Color
300027

Achromatopsia
131313

Achromatomaly
1E0C1A

CSS Examples

Text

The CSS property to change the color of the text to Hex 300027 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 #300027 looks like.

```
.text, #text, p{  
    color:#300027  
}
```

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 #300027 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #300027
}
```

Border

The CSS property to change the border of an element to Hex 300027 is called "border". The border property can be set on classes, ids or directly on the HTML element.

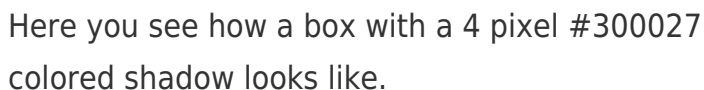
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#300027 }
```

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

```
.border{ border-color:#300027 }
```

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



Here you see how a box with a 4 pixel #300027 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #300027; -webkit-box-shadow:4px 4px  
4px 4px #300027; box-shadow:4px 4px 4px  
4px #300027 }
```

Background

The CSS property to change the background color of an element to Hex 300027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#300027 }
```

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

```
.background{ background-color:#300027 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor