

Converting Colors

Hex(310027)

Have a look what the booklet for
Hex(310027) contains.

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Color

Hex(310027)

Conversions

Conversions Part 1

Format	Color
Hex	310027
RGB	49, 0, 39
RGB Percent	19%, 0%, 15%
CMY	0.8078, 1.0000, 0.8471
CMYK	0.00, 1.00, 0.20, 0.81
HSL	312°, 100%, 10%
HSV	312°, 100%, 19%
XYZ	1.6328, 0.7995, 1.9877
YIQ	19.0970, 16.6850, 22.5170

Conversions

Conversions Part 2

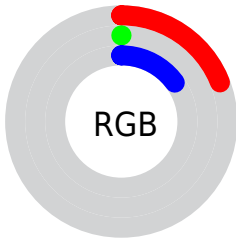
Format	Color
R_{YB}	49, 0, 39
Decimal	3211303
CIE _{Lab}	7.22, 28.92, -12.62
CIE _{LCh}	7, 31.557, 336.418
Yxy	0.7995, 0.3694, 0.1809
Android (android.graphics.Color)	4281401383 (0xFF310027)
YUV	19.0970, 9.8122, 26.2249
Hunter-Lab	8.9412, 16.9503, -6.9218

Details

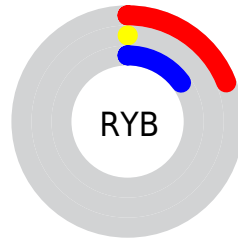
The Hex color **310027** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **00310A**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **622E54**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **310027**, and if you desaturate by 10%, it is **310528**.

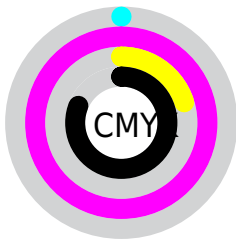
Distribution



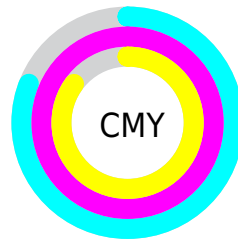
- Red (19%)
- Green (0%)
- Blue (15%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (20%)
- Black (81%)




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

Brightness & Saturation Gradients

These gradients show how the Hex color 310027 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 310027 by changing the saturation by 10% instead.

 310027

 310027

 FFE4FF

 1B0012

 622E54

 000000

 7B466C


 965E86

 B177A0

 CD91BB

 E9ACD7

 FFC8F3

 310027

■ 310528

■ 310A29

■ 310F2A

■ 31142B

■ 31192C

■ 311D2D

■ 31222E

■ 31272F

■ 312C30

Harmonies

Analogous

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



1A0E38



310027



390012

Triad

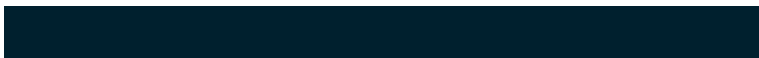
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



310027



191700



00202E

Complementary

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



310027



00310A

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.



00211A



310027



001D00

Square

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



310027



2A0E00



002000



001D3C

Rectangle

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



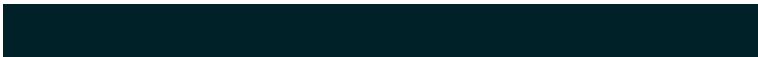
310027



380000



002000



002128

Sweetspot

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



310027



402D3C



0A0031



21151F



A1A1A1



212121

Same Dimension

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



310027



400033



31000F



1A1719



590047



D900AD

Inverse Universe

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



310027



400033



003122



1A1719



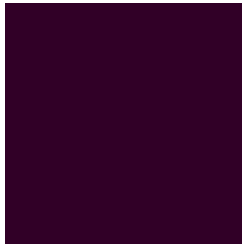
590047



D900AD

Previews

White Background



This preview shows how the Hex color 310027 looks on a white background.

Color Contrast Check

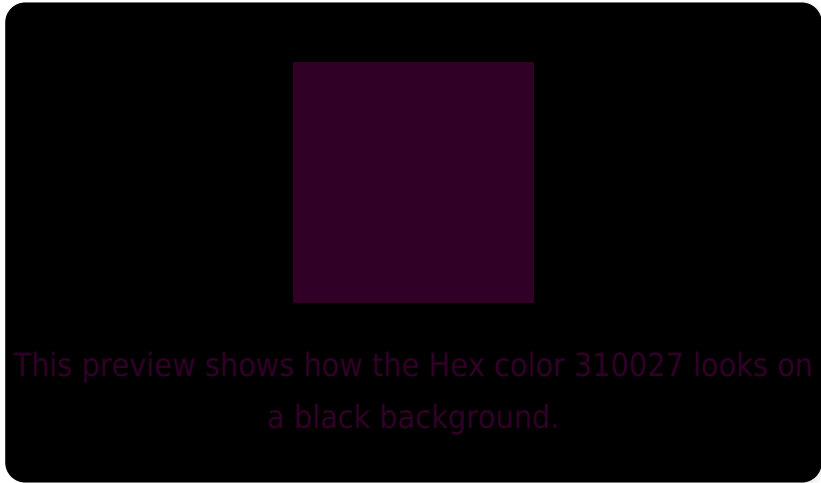
Large Text (above 18pt) WCAG AA ✓ Pass

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

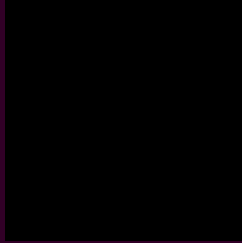
Any Text WCAG AA × Fail

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 310027 Background



This preview shows how black text looks on a background with the Hex color 310027.



This preview shows how white text looks on a background with the Hex color 310027.

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](#).

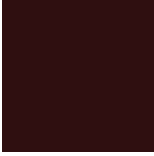
Dichromacy



Original Color
310027

Protanopia
001A37

Deuteranopia
181A25



Tritanopia
2F0F10

Trichromacy



Original Color
310027

Protanomaly
121131

Deuteranomaly
211126

Tritanomaly
300A18

Monochromacy



Original Color
310027

Achromatopsia
131313

Achromatomaly
1E0C1A

CSS Examples

Text

The CSS property to change the color of the text to Hex 310027 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 #310027 looks like.

```
.text, #text, p{  
    color:#310027  
}
```

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 #310027 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #310027
}
```

Border

The CSS property to change the border of an element to Hex 310027 is called "border". The border property can be set on classes, ids or directly on the HTML element.

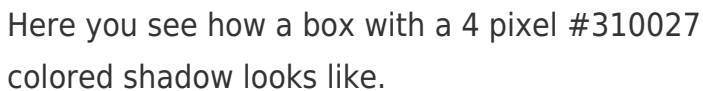
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#310027 }
```

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

```
.border{ border-color:#310027 }
```

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



Here you see how a box with a 4 pixel #310027 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #310027; -webkit-box-shadow:4px 4px  
4px 4px #310027; box-shadow:4px 4px 4px  
4px #310027 }
```

Background

The CSS property to change the background color of an element to Hex 310027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#310027 }
```

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

```
.background{ background-color:#310027 }
```

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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