

Converting Colors

Hex(310019)

Have a look what the booklet for
Hex(310019) contains.

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Color

Hex(310019)

Conversions

Conversions Part 1

Format	Color
Hex	310019
RGB	49, 0, 25
RGB Percent	19%, 0%, 10%
CMY	0.8078, 1.0000, 0.9020
CMYK	0.00, 1.00, 0.49, 0.81
HSL	329°, 100%, 10%
HSV	329°, 100%, 19%
XYZ	1.4421, 0.7232, 0.9833
YIQ	17.5010, 21.1790, 18.1630

Conversions

Conversions Part 2

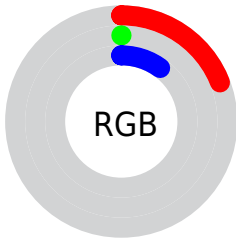
Format	Color
R_{YB}	49, 0, 25
Decimal	3211289
CIE Lab	6.53, 26.66, -2.80
CIE LCh	7, 26.806, 354.004
Yxy	0.7232, 0.4580, 0.2297
Android (android.graphics.Color)	4281401369 (0xFF310019)
YUV	17.5010, 3.6970, 27.6246
Hunter-Lab	8.5039, 15.3884, -0.9029

Details

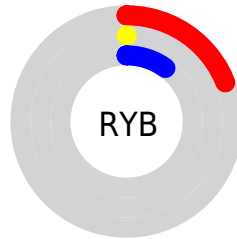
The Hex color **310019** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **003118**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **622D44**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **310019**, and if you desaturate by 10%, it is **31051B**.

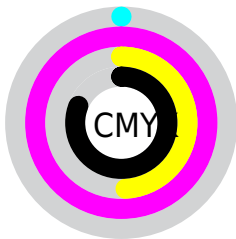
Distribution



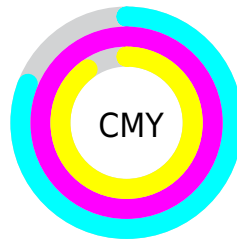
- Red (19%)
- Green (0%)
- Blue (10%)



- Red (19%)
- Yellow (0%)
- Blue (10%)



- Cyan (0%)
- Magenta (100%)
- Yellow (49%)
- Black (81%)



- Cyan (81%)
- Magenta (100%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 310019 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 310019 by changing the saturation by 10% instead.

 310019

 310019

 FFE3FB

 180001

 622D44

 000000

 7C455B


 975D74

 B2768D

 CE90A8

 EBABC3

 FFC7DF

 310019

■ 31051B

■ 310A1E

■ 310F20

■ 311423

■ 311925

■ 311D27

■ 31222A

■ 31272C

■ 312C2F

Harmonies

Analogous

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



260729



310019



330100

Triad

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



310019



081900



001C31

Complementary

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



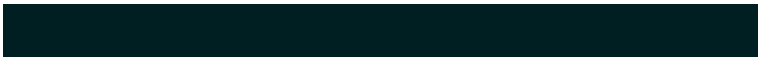
310019



003118

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.



001F22



310019



001D00

Square

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



310019



1F1200



001F0F



001838

Rectangle

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



310019



2E0600



001F0F



001D2D

Sweetspot

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



310019



402D36



180031



21151B



A1A1A1



212121

Same Dimension

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



310019



400021



310001



1A1718



59002E



D9006F

Inverse Universe

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



310019



400021



003130



1A1718



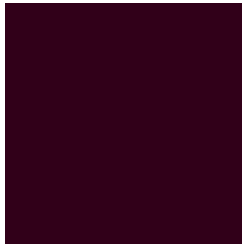
59002E



D9006F

Previews

White Background



This preview shows how the Hex color 310019 looks on a white background.

Color Contrast Check

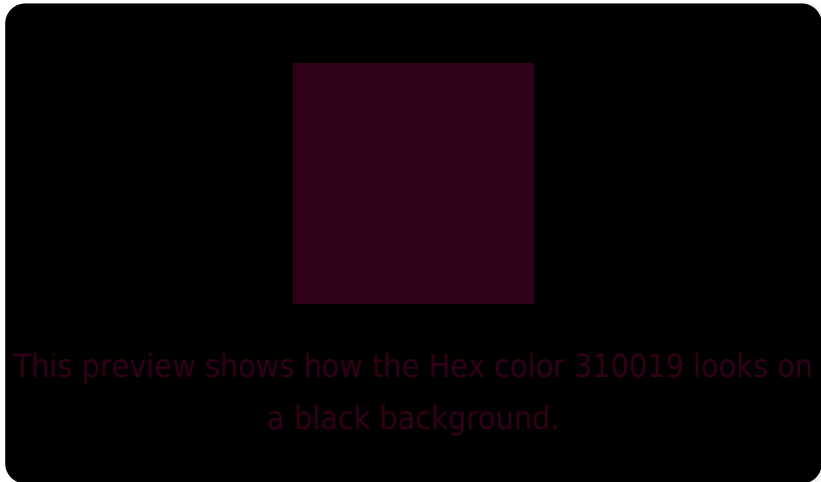
Large Text (above 18pt) WCAG AA ✓ Pass

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

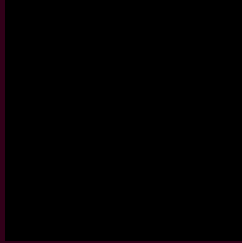
Any Text WCAG AA × Fail

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 310019 Background



This preview shows how black text looks on a background with the Hex color 310019.



This preview shows how white text looks on a background with the Hex color 310019.

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](#).

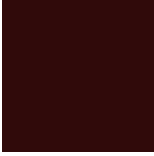
Dichromacy



Original Color
310019

Protanopia
161924

Deuteranopia
1D1917



Tritanopia
300A0A

Trichromacy



Original Color
310019

Protanomaly
201020

Deuteranomaly
241018

Tritanomaly
30060F

Monochromacy



Original Color
310019

Achromatopsia
121212

Achromatomaly
1D0B15

CSS Examples

Text

The CSS property to change the color of the text to Hex 310019 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 #310019 looks like.

```
.text, #text, p{  
    color:#310019  
}
```

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 #310019 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #310019
}
```

Border

The CSS property to change the border of an element to Hex 310019 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
#310019 }
```

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

```
.border{ border-color:#310019 }
```

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

Here you see how a box with a 4 pixel #310019 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #310019; -webkit-box-shadow:4px 4px  
4px 4px #310019; box-shadow:4px 4px 4px  
4px #310019 }
```

Background

The CSS property to change the background color of an element to Hex 310019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#310019 }
```

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

```
.background{ background-color:#310019 }
```

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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