

Converting Colors

Hex(301631)

Have a look what the booklet for
Hex(301631) contains.

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Color

Hex(301631)

Conversions

Conversions Part 1

Format	Color
Hex	301631
RGB	48, 22, 49
RGB Percent	19%, 9%, 19%
CMY	0.8118, 0.9137, 0.8078
CMYK	0.02, 0.55, 0.00, 0.81
HSL	298°, 38%, 14%
HSV	298°, 55%, 19%
XYZ	2.0602, 1.4239, 3.0720
YIQ	32.8520, 6.8290, 13.9090

Conversions

Conversions Part 2

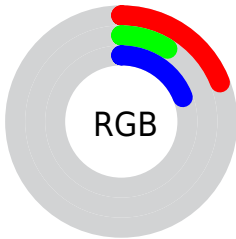
Format	Color
R_{YB}	48, 22, 49
Decimal	3151409
CIE _{Lab}	12.12, 18.22, -12.41
CIE _{LCh}	12, 22.045, 325.741
Yxy	1.4239, 0.3142, 0.2172
Android (android.graphics.Color)	4281341489 (0xFF301631)
YUV	32.8520, 7.9610, 13.2848
Hunter-Lab	11.9329, 9.9353, -6.9105

Details

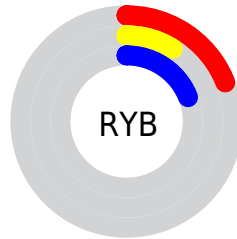
The Hex color **301631** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **173116**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **5F425F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **301131**, and if you desaturate by 10%, it is **301B31**.

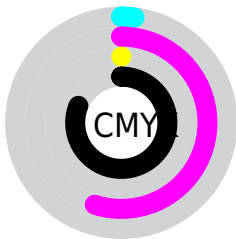
Distribution



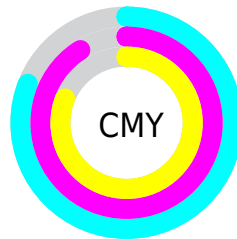
- Red (19%)
- Green (9%)
- Blue (19%)



- Red (19%)
- Yellow (9%)
- Blue (19%)



- Cyan (2%)
- Magenta (55%)
- Yellow (0%)
- Black (81%)



- Cyan (81%)
- Magenta (91%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 301631 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 301631 by changing the saturation by 10% instead.

 301631

 301631

 FFFAFF

 1D001C

 5F425F

 000000

 785978

 927292

 AD8CAC

 C8A6C8

 E4C2E4

 FFDDFF

 301631

 301631

■ 301131

■ 301B31

■ 300C31

■ 302031

■ 2F0731

■ 312531

■ 2F0231

■ 312A31

■ 2F0031

■ 312F31

■ 313331

■ 313831

■ 313D31

■ 324231

Harmonies

Analogous

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



1C1D3B



301631



3A1123

Triad

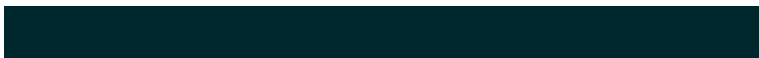
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



301631



2B1E00



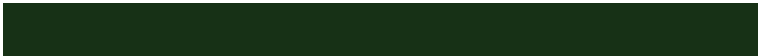
00272C

Complementary

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



301631



173116

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.



00271D



301631



1D2300

Square

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



301631



351800



07250C



002539

Rectangle

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



301631



3B1218



07250C



002727

Sweetspot

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



301631



3F3540



161731



211B21



A1A1A1



212121

Same Dimension

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



301631



3E1640



311625



19171A



560059



D100D9

Inverse Universe

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



311617



401617



163122



1A1717



590003



D90008

Previews

White Background



This preview shows how the Hex color 301631 looks on a white background.

Color Contrast Check

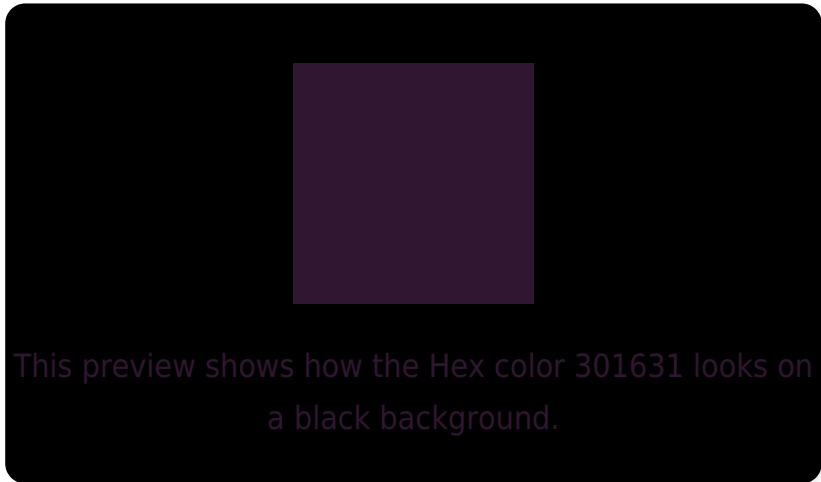
Large Text (above 18pt) WCAG AA ✓ Pass

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

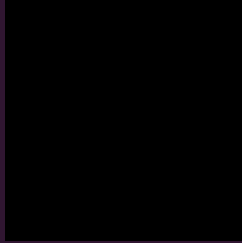
Any Text WCAG AA × Fail

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 301631 Background



This preview shows how black text looks on a background with the Hex color 301631.



This preview shows how white text looks on a background with the Hex color 301631.

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
301631

Protanopia
14203A

Deuteranopia
1B202F



Tritanopia
2E1B1D

Trichromacy



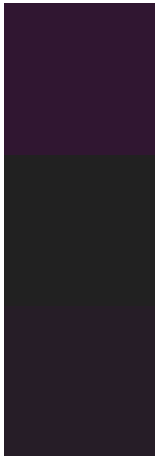
Original Color
301631

Protanomaly
1E1C37

Deuteranomaly
231C30

Tritanomaly
2F1924

Monochromacy



Original Color
301631

Achromatopsia
212121

Achromatomaly
261D27

CSS Examples

Text

The CSS property to change the color of the text to Hex 301631 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 #301631 looks like.

```
.text, #text, p{  
    color:#301631  
}
```

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 #301631 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #301631
}
```

Border

The CSS property to change the border of an element to Hex 301631 is called "border". The border property can be set on classes, ids or directly on the HTML element.

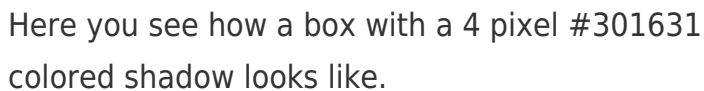
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#301631 }
```

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

```
.border{ border-color:#301631 }
```

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



Here you see how a box with a 4 pixel #301631 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #301631; -webkit-box-shadow:4px 4px  
4px 4px #301631; box-shadow:4px 4px 4px  
4px #301631 }
```

Background

The CSS property to change the background color of an element to Hex 301631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#301631 }
```

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

```
.background{ background-color:#301631 }
```

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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