

Converting Colors

Hex(301C03)

Have a look what the booklet for
Hex(301C03) contains.

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Color

Hex(301C03)

Conversions

Conversions Part 1

Format	Color
Hex	301C03
RGB	48, 28, 3
RGB Percent	19%, 11%, 1%
CMY	0.8118, 0.8902, 0.9882
CMYK	0.00, 0.42, 0.94, 0.81
HSL	33°, 88%, 10%
HSV	33°, 94%, 19%
XYZ	1.6506, 1.4655, 0.2820
YIQ	31.1300, 19.9450, -3.5350

Conversions

Conversions Part 2

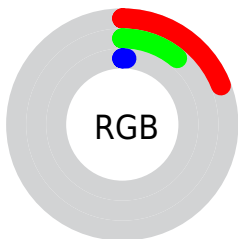
Format	Color
R_{YB}	39, 48, 3
Decimal	3152899
CIE Lab	12.39, 7.12, 17.32
CIE LCh	12, 18.730, 67.645
Yxy	1.4655, 0.4857, 0.4313
Android (android.graphics.Color)	4281342979 (0xFF301C03)
YUV	31.1300, -13.8681, 14.7950
Hunter-Lab	12.1056, 3.1538, 7.0927

Details

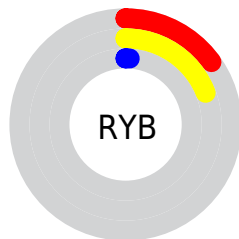
The Hex color **301C03** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **031730**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **604731**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **301B00**, and if you desaturate by 10%, it is **301E08**.

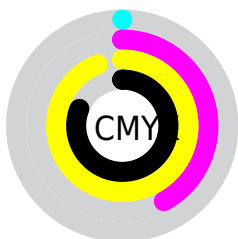
Distribution



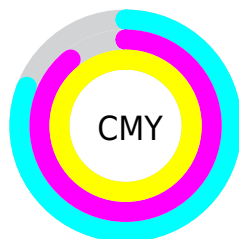
- Red (19%)
- Green (11%)
- Blue (1%)



- Red (15%)
- Yellow (19%)
- Blue (1%)



- Cyan (0%)
- Magenta (42%)
- Yellow (94%)
- Black (81%)



- Cyan (81%)
- Magenta (89%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 301C03 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 301C03 by changing the saturation by 10% instead.

 301C03

 301C03

 FFFFE4

 190300

 604731

 000000

 795F48

 947860

 AF9279

 CAAC92

 E7C7AD

 FFE3C8

 301C03

 301C03

■ 301B00

■ 301E08

■ 30200D

■ 302211

■ 302516

■ 30271B

■ 302920

■ 302B25

■ 302D29

■ 302F2E

Harmonies

Analogous

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



371711



301C03



252100

Triad

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



301C03



002723



251C35

Complementary

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



301C03



031730

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.



0E213A



301C03



002630

Square

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



301C03



042616



002438



33172A

Rectangle

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



301C03



1D2304



002438



1F1D37

Sweetspot

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



301C03



3D362C



300317



1F1A14



9E9E9E



1F1F1F

Same Dimension

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



301C03



3D2200



2E3003



171615



573000



D67700

Inverse Universe

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



031730



001B3D



050330



151617



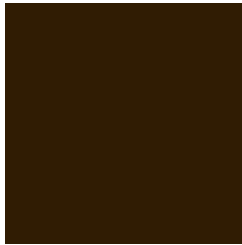
002757



005FD6

Previews

White Background



This preview shows how the Hex color 301C03 looks on a white background.

Color Contrast Check

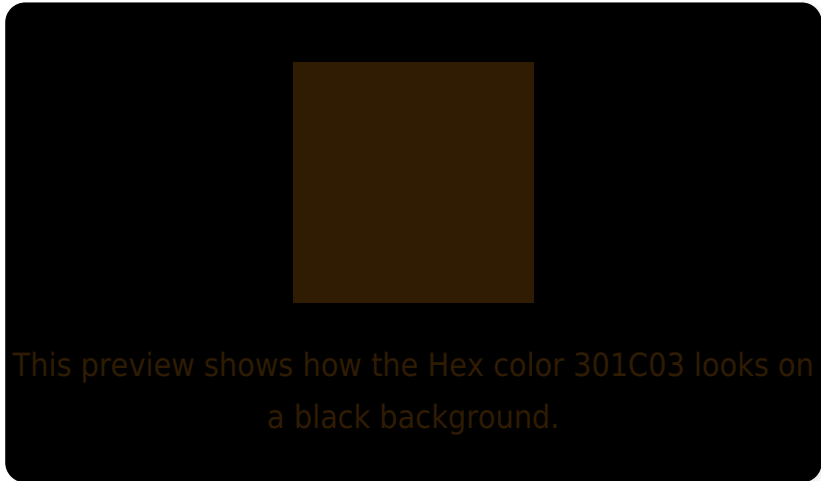
Large Text (above 18pt) WCAG AA ✓ Pass

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

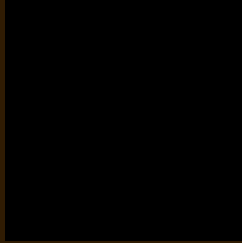
Any Text WCAG AA × Fail

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 301C03 Background



This preview shows how black text looks on a background with the Hex color 301C03.

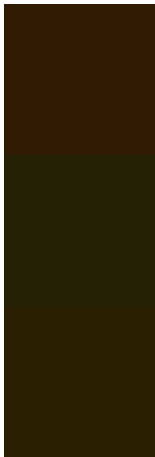


This preview shows how white text looks on a background with the Hex color 301C03.

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
301C03

Protanopia
252105

Deuteranopia
2A1F00



Tritanopia
311A1C

Trichromacy



Original Color
301C03

Protanomaly
291F04

Deuteranomaly
2C1E01

Tritanomaly
311B13

Monochromacy



Original Color
301C03

Achromatopsia
1F1F1F

Achromatomaly
251E15

CSS Examples

Text

The CSS property to change the color of the text to Hex 301C03 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 #301C03 looks like.

```
.text, #text, p{  
    color:#301C03  
}
```

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 #301C03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #301C03  
}
```

Border

The CSS property to change the border of an element to Hex 301C03 is called "border". The border property can be set on classes, ids or directly on the HTML element.

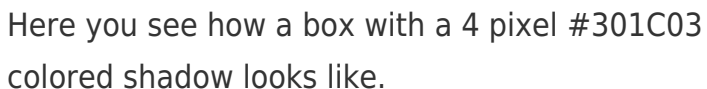
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#301C03 }
```

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

```
.border{ border-color:#301C03 }
```

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



Here you see how a box with a 4 pixel #301C03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #301C03; -webkit-box-shadow:4px 4px  
4px 4px #301C03; box-shadow:4px 4px 4px  
4px #301C03 }
```

Background

The CSS property to change the background color of an element to Hex 301C03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#301C03 }
```

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

```
.background{ background-color:#301C03 }
```

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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