

Converting Colors

Hex(301800)

Have a look what the booklet for
Hex(301800) contains.

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Color

Hex(301800)

Conversions

Conversions Part 1	
Format	Color
Hex	301800
RGB	48, 24, 0
RGB Percent	19%, 9%, 0%
CMY	0.8118, 0.9059, 1.0000
CMYK	0.00, 0.50, 1.00, 0.81
HSL	30°, 100%, 9%
HSV	30°, 100%, 19%
XYZ	1.5456, 1.2816, 0.1659
YIQ	28.4400, 22.0080, -2.3760

Conversions

Conversions Part 2

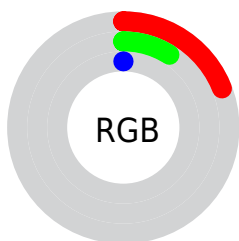
Format	Color
RYB	48, 48, 0
Decimal	3151872
CIELab	11.15, 9.66, 16.84
CIELCh	11, 19.419, 60.160
Yxy	1.2816, 0.5164, 0.4282
Android (android.graphics.Color)	4281341952 (0xFF301800)
YUV	28.4400, -14.0209, 17.1541
Hunter-Lab	11.3210, 4.5574, 7.0557

Details

The Hex color **301800** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **001830**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **60432F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **301800**, and if you desaturate by 10%, it is **301A05**.

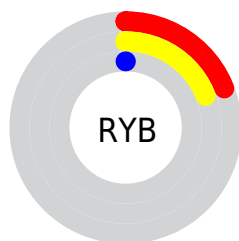
Distribution



Red (19%)

Green (9%)

Blue (0%)



Red (19%)

Yellow (19%)

Blue (0%)

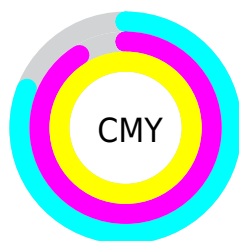


Cyan (0%)

Magenta (50%)

Yellow (100%)

Black (81%)



Cyan (81%)

Magenta (91%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 301800 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 301800 by changing the saturation by 10% instead.

 301800

 301800

 FFFBE2

 190000

 60432F

 000000

 795B46

 94735E

 AF8D76

 CBA790

 E7C2AB

 FFDEC6

 301800

■ 301A05

■ 301D0A

■ 301F0E

■ 302213

■ 302418

■ 30261D

■ 302922

■ 302B26

■ 302E2B

Harmonies

Analogous

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



351311



301800



261D00

Triad

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



301800



00241D



1E1A35

Complementary

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



301800



001830

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.



001F38



301800



00242B

Square

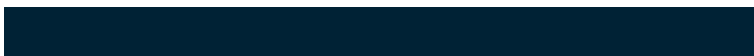
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



301800



05230F



002235



2E152B

Rectangle

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



301800



1E2000



002235



161C37

Sweetspot

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



301800



3D342B



300018



1F1914



9E9E9E



1F1F1F

Same Dimension

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



301800



3D1F00



303000



171615



572B00



D66B00

Inverse Universe

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



001830



001F3D



000030



151617



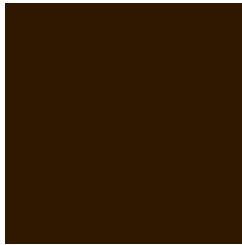
002B57



006BD6

Previews

White Background



This preview shows how the Hex color 301800 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



This preview shows how the Hex color 301800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

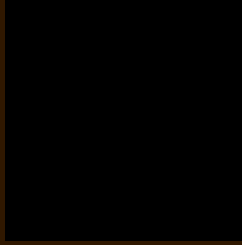
Any Text WCAG AA × Fail

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 301800 Background



This preview shows how black text looks on a background with the Hex color 301800.

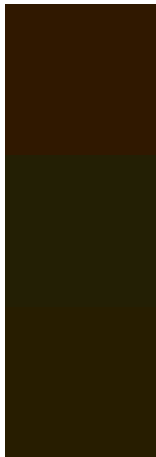


This preview shows how white text looks on a background with the Hex color 301800.

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](#).

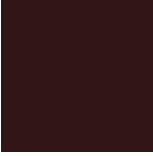
Dichromacy



Original Color
301800

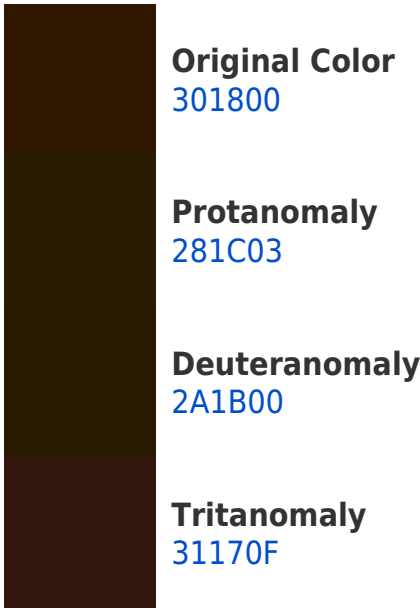
Protanopia
231F04

Deuteranopia
271D00

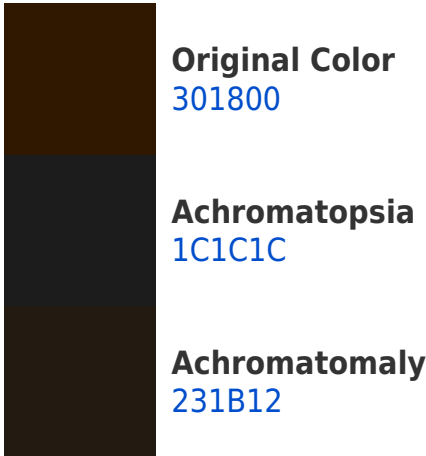


Tritanopia
311618

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 301800 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 #301800 looks like.

```
.text, #text, p{  
    color:#301800  
}
```

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 #301800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #301800
}
```

Border

The CSS property to change the border of an element to Hex 301800 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
#301800 }
```

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

```
.border{ border-color:#301800 }
```

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

Here you see how a box with a 4 pixel #301800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #301800; -webkit-box-shadow:4px 4px  
4px 4px #301800; box-shadow:4px 4px 4px  
4px #301800 }
```

Background

The CSS property to change the background color of an element to Hex 301800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#301800 }
```

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

```
.background{ background-color:#301800 }
```

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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