

# Converting Colors

Hex(301814)

Have a look what the booklet for  
Hex(301814) contains.

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# Color

**Hex(301814)**

# Conversions

## Conversions Part 1

Format	Color
Hex	301814
RGB	48, 24, 20
RGB Percent	19%, 9%, 8%
CMY	0.8118, 0.9059, 0.9216
CMYK	0.00, 0.50, 0.58, 0.81
HSL	9°, 41%, 13%
HSV	9°, 58%, 19%
XYZ	1.6718, 1.3322, 0.8308
YIQ	30.7200, 15.5880, 3.8440

# Conversions

## Conversions Part 2

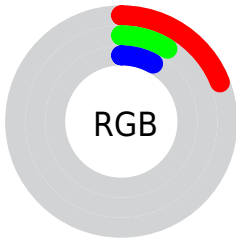
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	48, 25, 20
Decimal	3151892
CIE <sub>Lab</sub>	11.50, 11.51, 7.94
CIE <sub>LCh</sub>	11, 13.980, 34.615
Yxy	1.3322, 0.4360, 0.3474
Android (android.graphics.Color)	4281341972 (0xFF301814)
YUV	30.7200, -5.2850, 15.1546
Hunter-Lab	11.5419, 5.6571, 3.8114

# Details

The Hex color **301814** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **142C30**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **60433E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **30140F**, and if you desaturate by 10%, it is **301C19**.

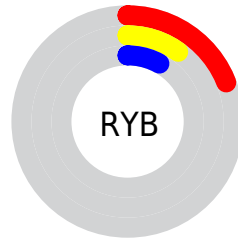
# Distribution



Red (19%)

Green (9%)

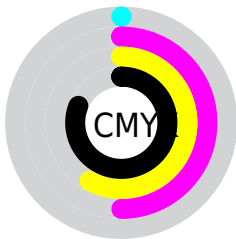
Blue (8%)



Red (19%)

Yellow (10%)

Blue (8%)

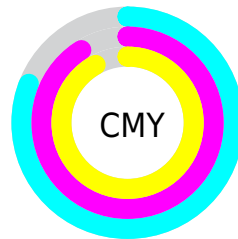


Cyan (0%)

Magenta (50%)

Yellow (58%)

Black (81%)



Cyan (81%)

Magenta (91%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 301814 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 301814 by changing the saturation by 10% instead.



 301814

 301814

 FFFBF4

 1C0000

 60433E

 000000

 795B55

 93736E

 AE8D87

 CAA8A1

 E6C3BC

 FFD8D8

 301814

 301814

■ 30140F

■ 301C19

■ 30100A

■ 30201E

■ 300C06

■ 302422

■ 300801

■ 302827

■ 300700

■ 302D2C

■ 303131

■ 303536

■ 30393A

■ 303D3F

# Harmonies

## Analogous

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



30171D



301814



2B1B0B

# Triad

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



301814



0D2316



121F31

# Complementary

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



301814



142C30

# 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.



002230



301814



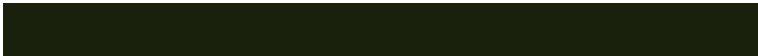
002320

# Square

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



301814



19210D



002329



211B2E

# Rectangle

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



301814



271D08



002329



0C2031



# Sweetspot

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



301814



3D3432



30142C



1F1918



9E9E9E



1F1F1F



# Same Dimension

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



301814



3D1812



302614



171515



570C00



D61F00



# Inverse Universe

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



142C30



12373D



141E30



151717



004A57

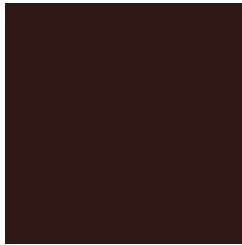


00B8D6



# Previews

## White Background



This preview shows how the Hex color 301814 looks on a white background.

## Color Contrast Check

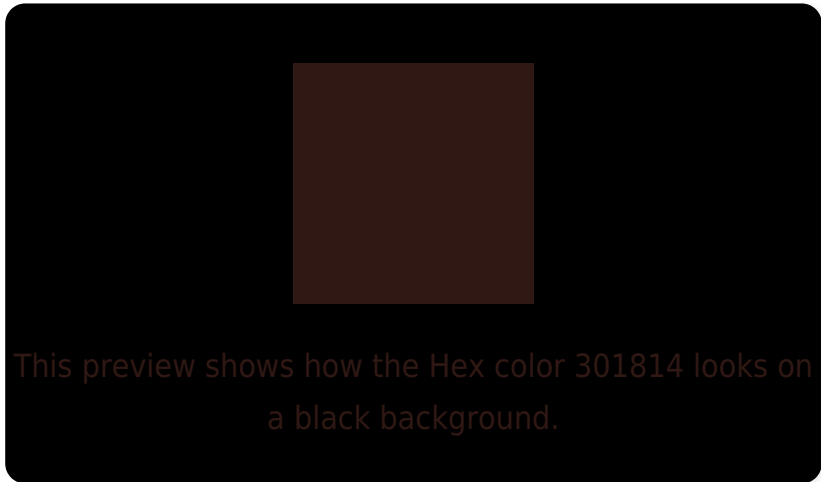
Large Text (above 18pt) WCAG AA ✓ Pass

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

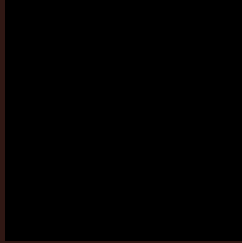
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 301814 Background



This preview shows how black text looks on a background with the Hex color 301814.



This preview shows how white text looks on a background with the Hex color 301814.

# 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**  
301814

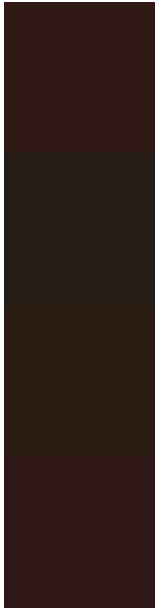
**Protanopia**  
211F17

**Deuteranopia**  
261E13



**Tritanopia**  
301719

# Trichromacy



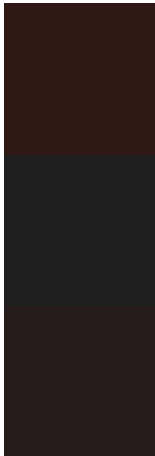
**Original Color**  
301814

**Protanomaly**  
261C16

**Deuteranomaly**  
2A1C13

**Tritanomaly**  
301717

# Monochromacy



**Original Color**  
301814

**Achromatopsia**  
1F1F1F

**Achromatomaly**  
251C1B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 301814 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 #301814 looks like.

```
.text, #text, p{  
    color:#301814  
}
```

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 #301814 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #301814
}
```

## Border

The CSS property to change the border of an element to Hex 301814 is called "border". The border property can be set on classes, ids or directly on the HTML element.

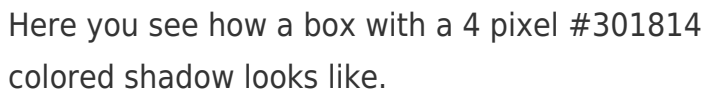
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#301814 }
```

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

```
.border{ border-color:#301814 }
```

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



Here you see how a box with a 4 pixel #301814 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #301814; -webkit-box-shadow:4px 4px  
4px 4px #301814; box-shadow:4px 4px 4px  
4px #301814 }
```

# Background

The CSS property to change the background color of an element to Hex 301814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#301814 }
```

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

```
.background{ background-color:#301814 }
```

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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