

Converting Colors

Hex(1B301B)

Have a look what the booklet for
Hex(1B301B) contains.

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Color

Hex(1B301B)

Conversions

Conversions Part 1

Format	Color
Hex	1B301B
RGB	27, 48, 27
RGB Percent	11%, 19%, 11%
CMY	0.8941, 0.8118, 0.8941
CMYK	0.44, 0.00, 0.44, 0.81
HSL	120°, 28%, 15%
HSV	120°, 44%, 19%
XYZ	1.7068, 2.4260, 1.4152
YIQ	39.3270, -5.7750, -10.9830

Conversions

Conversions Part 2

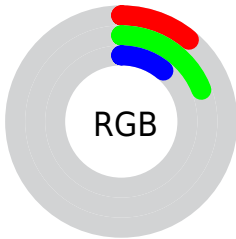
Format	Color
R_{YB}	27, 48, 48
Decimal	1781787
CIE _{Lab}	17.58, -13.81, 10.87
CIE _{LCh}	18, 17.579, 141.787
Yxy	2.4260, 0.3076, 0.4373
Android (android.graphics.Color)	4279971867 (0xFF1B301B)
YUV	39.3270, -6.0772, -10.8108
Hunter-Lab	15.5758, -7.6978, 5.5159

Details

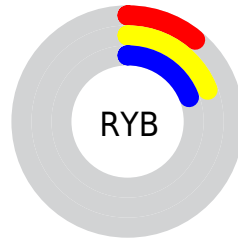
The Hex color **1B301B** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **301B30**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **485E47**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **163016**, and if you desaturate by 10%, it is **203020**.

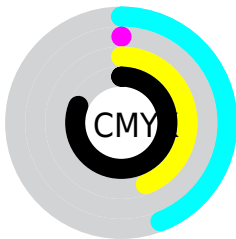
Distribution



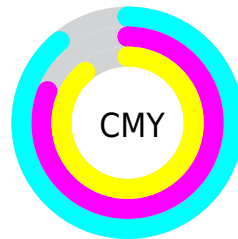
- Red (11%)
- Green (19%)
- Blue (11%)



- Red (11%)
- Yellow (19%)
- Blue (19%)



- Cyan (44%)
- Magenta (0%)
- Yellow (44%)
- Black (81%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 1B301B 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 1B301B by changing the saturation by 10% instead.

 1B301B

 1B301B

FFFFFF

 041C01

 485E47

 000000

 60775E

 799177

 92AB91

 ADC7AB

 C9E3C6

 E5FFE2

 1B301B

 1B301B

■ 163016

■ 203020

■ 113011

■ 253025

■ 0D300D

■ 293029

■ 083008

■ 2E302E

■ 033003

■ 333033

■ 003000

■ 383038

■ 3D303D

■ 413041

■ 463046

Harmonies

Analogous

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



2A2D13



1B301B



073127

Triad

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



1B301B



0F2D44



432122

Complementary

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



1B301B



301B30

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.



41212F



1B301B



272943

Square

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



1B301B



00303F



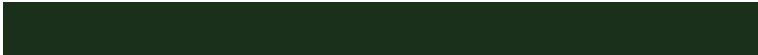
37243B



3F2518

Rectangle

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



1B301B



003230



37243B



432127

Sweetspot

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



1B301B



353D35



30301B



1A1F1A



9E9E9E



1F1F1F

Same Dimension

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



1B301B



1D3D1D



1B3026



151715



005700



00D600

Inverse Universe

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



301B30



3D1D3D



301B26



171517



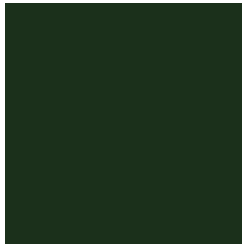
570057



D600D6

Previews

White Background



This preview shows how the Hex color 1B301B looks on a white background.

Color Contrast Check

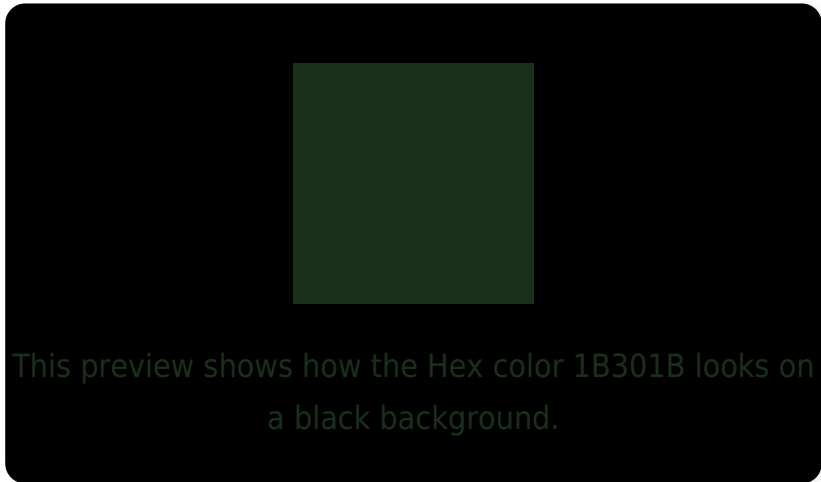
Large Text (above 18pt) WCAG AA ✓ Pass

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

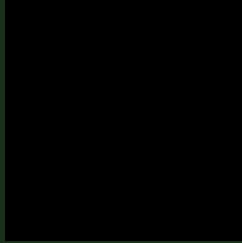
Any Text WCAG AA × Fail

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 1B301B Background



This preview shows how black text looks on a background with the Hex color 1B301B.



This preview shows how white text looks on a background with the Hex color 1B301B.

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
1B301B

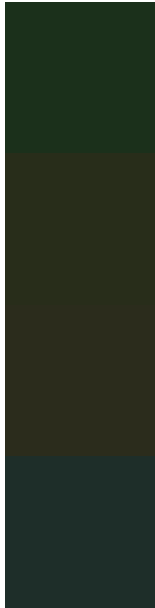
Protanopia
2F2B19

Deuteranopia
34291D



Tritanopia
1F2D31

Trichromacy



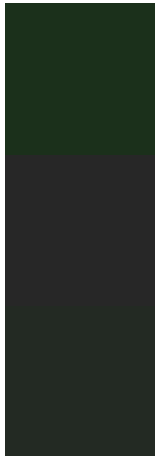
Original Color
1B301B

Protanomaly
282D1A

Deuteranomaly
2B2C1C

Tritanomaly
1E2E29

Monochromacy



Original Color
1B301B

Achromatopsia
272727

Achromatomaly
232A23

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B301B 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 #1B301B looks like.

```
.text, #text, p{  
    color:#1B301B  
}
```

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 #1B301B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B301B
}
```

Border

The CSS property to change the border of an element to Hex 1B301B is called "border". The border property can be set on classes, ids or directly on the HTML element.

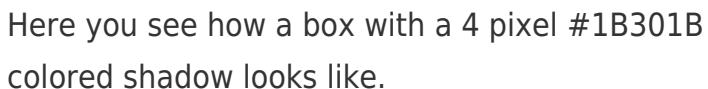
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1B301B }
```

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

```
.border{ border-color:#1B301B }
```

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



Here you see how a box with a 4 pixel #1B301B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B301B; -webkit-box-shadow:4px 4px  
4px 4px #1B301B; box-shadow:4px 4px 4px  
4px #1B301B }
```

Background

The CSS property to change the background color of an element to Hex 1B301B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B301B }
```

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

```
.background{ background-color:#1B301B }
```

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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