

Converting Colors

Hex(18301F)

Have a look what the booklet for
Hex(18301F) contains.

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Color

Hex(18301F)

Conversions

Conversions Part 1

Format	Color
Hex	18301F
RGB	24, 48, 31
RGB Percent	9%, 19%, 12%
CMY	0.9059, 0.8118, 0.8784
CMYK	0.50, 0.00, 0.35, 0.81
HSL	138°, 33%, 14%
HSV	138°, 50%, 19%
XYZ	1.6810, 2.4070, 1.6723
YIQ	38.8860, -8.8470, -10.3750

Conversions

Conversions Part 2

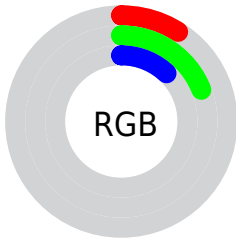
Format	Color
RYB	24, 43, 48
Decimal	1585183
CIELab	17.49, -14.10, 8.03
CIELCh	17, 16.223, 150.326
Yxy	2.4070, 0.2918, 0.4179
Android (android.graphics.Color)	4279775263 (0xFF18301F)
YUV	38.8860, -3.8878, -13.0550
Hunter-Lab	15.5146, -7.8105, 4.4693

Details

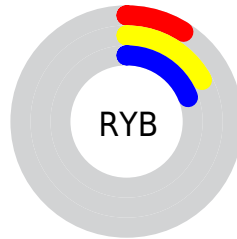
The Hex color **18301F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **301829**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **455E4B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **13301C**, and if you desaturate by 10%, it is **1D3022**.

Distribution



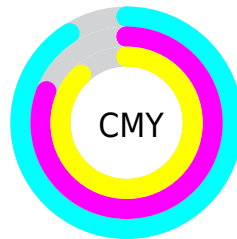
- Red (9%)
- Green (19%)
- Blue (12%)



- Red (9%)
- Yellow (17%)
- Blue (19%)



- Cyan (50%)
- Magenta (0%)
- Yellow (35%)
- Black (81%)



- Cyan (91%)
- Magenta (81%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18301F 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 18301F by changing the saturation by 10% instead.

■ 18301F

■ 18301F

FEFFFF

■ 001C07

■ 455E4B

■ 000000

■ 5C7763

■ 75917C

■ 8FAB95

■ AAC7B0

■ C5E3CC

■ E1FFE8

■ 18301F

■ 18301F

■ 13301C

■ 1D3022

■ 0E3018

■ 223026

■ 0A3015

■ 263029

■ 053011

■ 2B302D

■ 00300E

■ 303030

■ 353033

■ 3A3037

■ 3E303A

■ 43303E

Harmonies

Analogous

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



262E16



18301F



06312B

Triad

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



18301F



192C42



412320

Complementary

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



18301F



301829

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.



40222B



18301F



2C283F

Square

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



18301F



012F3F



3A2437



3C2617

Rectangle

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



18301F



003133



3A2437



412223

Sweetspot

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



18301F



343D37



293018



191F1B



9E9E9E



1F1F1F

Same Dimension

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



18301F



183D23



18302B



151715



005719



00D63E

Inverse Universe

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



301829



3D1832



30181D



171516



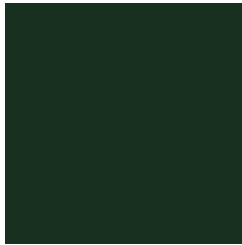
57003D



D60098

Previews

White Background



This preview shows how the Hex color 18301F looks on a white background.

Color Contrast Check

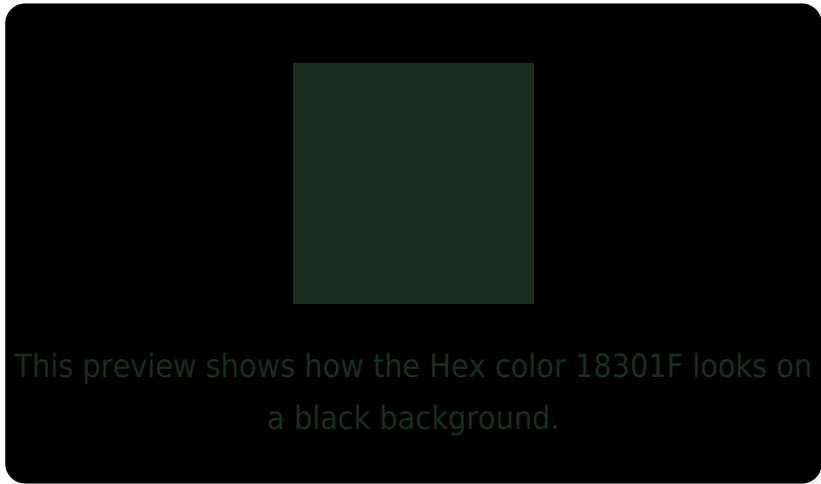
Large Text (above 18pt) WCAG AA ✓ Pass

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

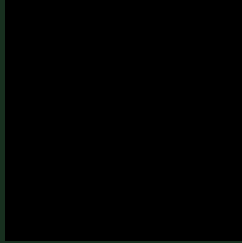
Any Text WCAG AA × Fail

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 18301F Background



This preview shows how black text looks on a background with the Hex color 18301F.



This preview shows how white text looks on a background with the Hex color 18301F.

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
18301F

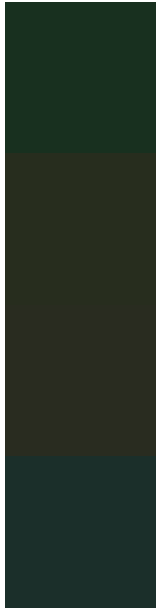
Protanopia
2F2B1D

Deuteranopia
322921



Tritanopia
1D2E31

Trichromacy



Original Color
18301F

Protanomaly
272D1E

Deuteranomaly
292C20

Tritanomaly
1B2F2A

Monochromacy



Original Color
18301F

Achromatopsia
272727

Achromatomaly
222A24

CSS Examples

Text

The CSS property to change the color of the text to Hex 18301F 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 #18301F looks like.

```
.text, #text, p{  
    color:#18301F  
}
```

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 #18301F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18301F
}
```

Border

The CSS property to change the border of an element to Hex 18301F is called "border". The border property can be set on classes, ids or directly on the HTML element.

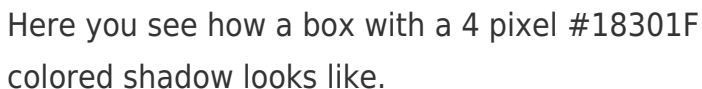
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#18301F }
```

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

```
.border{ border-color:#18301F }
```

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



Here you see how a box with a 4 pixel #18301F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18301F; -webkit-box-shadow:4px 4px  
4px 4px #18301F; box-shadow:4px 4px 4px  
4px #18301F }
```

Background

The CSS property to change the background color of an element to Hex 18301F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18301F }
```

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

```
.background{ background-color:#18301F }
```

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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