

Converting Colors

Hex(18331F)

Have a look what the booklet for
Hex(18331F) contains.

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Color

Hex(18331F)

Conversions

Conversions Part 1

Format	Color
Hex	18331F
RGB	24, 51, 31
RGB Percent	9%, 20%, 12%
CMY	0.9059, 0.8000, 0.8784
CMYK	0.53, 0.00, 0.39, 0.80
HSL	136°, 36%, 15%
HSV	136°, 53%, 20%
XYZ	1.8078, 2.6608, 1.7146
YIQ	40.6470, -9.6720, -11.9440

Conversions

Conversions Part 2

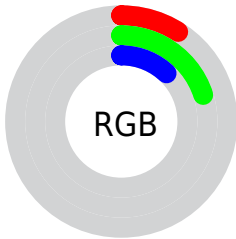
Format	Color
R_{YB}	24, 45, 51
Decimal	1585951
CIE _{Lab}	18.63, -15.80, 9.58
CIE _{LCh}	19, 18.478, 148.779
Yxy	2.6608, 0.2924, 0.4303
Android (android.graphics.Color)	4279776031 (0xFF18331F)
YUV	40.6470, -4.7560, -14.5994
Hunter-Lab	16.3119, -8.7627, 5.1861

Details

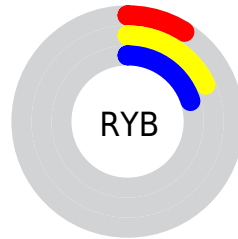
The Hex color **18331F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **33182C**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **45624B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **13331B**, and if you desaturate by 10%, it is **1D3323**.

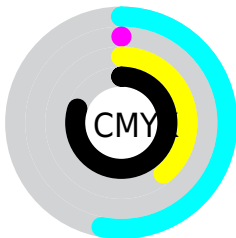
Distribution



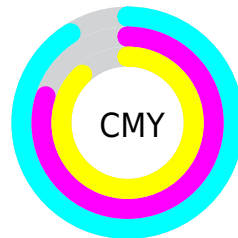
- Red (9%)
- Green (20%)
- Blue (12%)



- Red (9%)
- Yellow (18%)
- Blue (20%)



- Cyan (53%)
- Magenta (0%)
- Yellow (39%)
- Black (80%)



- Cyan (91%)
- Magenta (80%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the Hex color 18331F 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 18331F by changing the saturation by 10% instead.

 18331F

 18331F

FFFFFF

 011E07

 45624B

 000000

 5D7B63

 76947C

 90AF96

 ABCBB0

 C6E7CC

 E2FFE8

 18331F

 18331F

■ 13331B

■ 1D3323

■ 0E3317

■ 223327

■ 093314

■ 27332A

■ 043310

■ 2C332E

■ 00330D

■ 323332

■ 373336

■ 3C3339

■ 41333D

■ 463341

Harmonies

Analogous

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



283015



18331F



00342C

Triad

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



18331F



162F48



462421

Complementary

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



18331F



33182C

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.



46222E



18331F



2E2A45

Square

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



18331F



003244



3D253B



412817

Rectangle

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



18331F



003436



3D253B



472325

Sweetspot

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



18331F



38423A



2C3318



1B211C



A1A1A1



212121

Same Dimension

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



18331F



184223



18332C



171A18



005917



00D938

Inverse Universe

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



33182C



421837



33181F



1A1719



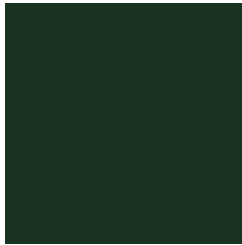
590042



D900A1

Previews

White Background



This preview shows how the Hex color 18331F looks on a white background.

Color Contrast Check

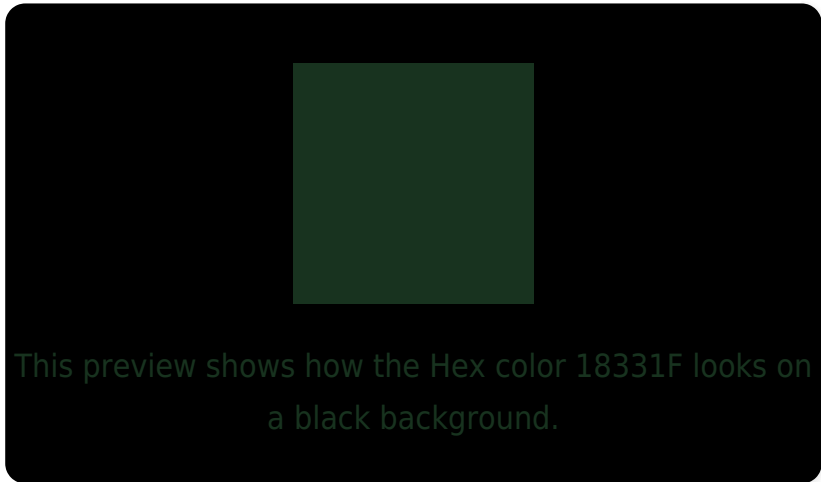
Large Text (above 18pt) WCAG AA ✓ Pass

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

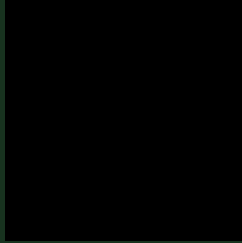
Any Text WCAG AA × Fail

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 18331F Background



This preview shows how black text looks on a background with the Hex color 18331F.



This preview shows how white text looks on a background with the Hex color 18331F.

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
18331F

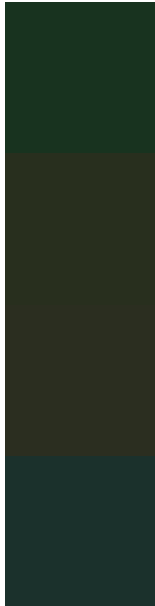
Protanopia
312D1D

Deuteranopia
362B21



Tritanopia
1D3034

Trichromacy



Original Color
18331F

Protanomaly
282F1E

Deuteranomaly
2B2E20

Tritanomaly
1B312C

Monochromacy



Original Color
18331F

Achromatopsia
292929

Achromatomaly
232D25

CSS Examples

Text

The CSS property to change the color of the text to Hex 18331F 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 #18331F looks like.

```
.text, #text, p{  
    color:#18331F  
}
```

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 #18331F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18331F
}
```

Border

The CSS property to change the border of an element to Hex 18331F is called "border". The border property can be set on classes, ids or directly on the HTML element.

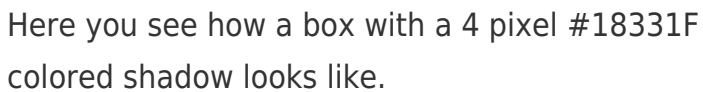
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#18331F }
```

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

```
.border{ border-color:#18331F }
```

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



Here you see how a box with a 4 pixel #18331F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18331F; -webkit-box-shadow:4px 4px  
4px 4px #18331F; box-shadow:4px 4px 4px  
4px #18331F }
```

Background

The CSS property to change the background color of an element to Hex 18331F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18331F }
```

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

```
.background{ background-color:#18331F }
```

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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