

Converting Colors

Hex(18311E)

Have a look what the booklet for
Hex(18311E) contains.

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Color

Hex(18311E)

Conversions

Conversions Part 1

Format	Color
Hex	18311E
RGB	24, 49, 30
RGB Percent	9%, 19%, 12%
CMY	0.9059, 0.8078, 0.8824
CMYK	0.51, 0.00, 0.39, 0.81
HSL	134°, 34%, 14%
HSV	134°, 51%, 19%
XYZ	1.7093, 2.4846, 1.6178
YIQ	39.3590, -8.8010, -11.2090

Conversions

Conversions Part 2

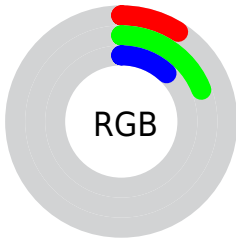
Format	Color
RYB	24, 44, 49
Decimal	1585438
CIELab	17.85, -14.90, 9.19
CIELCh	18, 17.507, 148.331
Yxy	2.4846, 0.2941, 0.4275
Android (android.graphics.Color)	4279775518 (0xFF18311E)
YUV	39.3590, -4.6140, -13.4698
Hunter-Lab	15.7625, -8.2271, 4.9485

Details

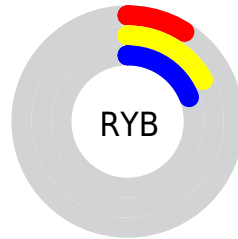
The Hex color **18311E** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **31182B**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **455F4A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **13311A**, and if you desaturate by 10%, it is **1D3122**.

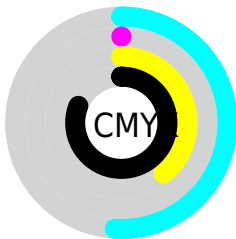
Distribution



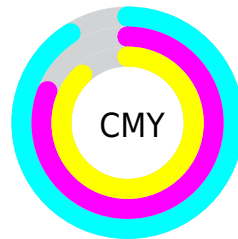
- Red (9%)
- Green (19%)
- Blue (12%)



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



- Cyan (51%)
- Magenta (0%)
- Yellow (39%)
- Black (81%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 18311E 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 18311E by changing the saturation by 10% instead.

 18311E

 18311E

FEFFFF

 001D06

 455F4A

 000000

 5D7862

 76927B

 8FAD94

 AAC8AF

 C5E4CA

 E2FFE6

 18311E

 18311E

■ 13311A

■ 1D3122

■ 0E3117

■ 223125

■ 093113

■ 273129

■ 04310F

■ 2C312D

■ 00310C

■ 313131

■ 353134

■ 3A3138

■ 3F313C

■ 443140

Harmonies

Analogous

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



272E15



18311E



03322B

Triad

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



18311E



162D45



432220

Complementary

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



18311E



31182B

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.



43222D



18311E



2C2942

Square

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



18311E



003041



3B2439



3E2617

Rectangle

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



18311E



003233



3B2439



442224

Sweetspot

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



18311E



364038



2B3118



1B211D



A1A1A1



212121

Same Dimension

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



18311E



194022



18312A



171A18



005915



00D934

Inverse Universe

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



31182B



401936



31181F



1A1719



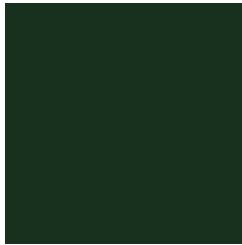
590044



D900A5

Previews

White Background



This preview shows how the Hex color 18311E looks on a white background.

Color Contrast Check

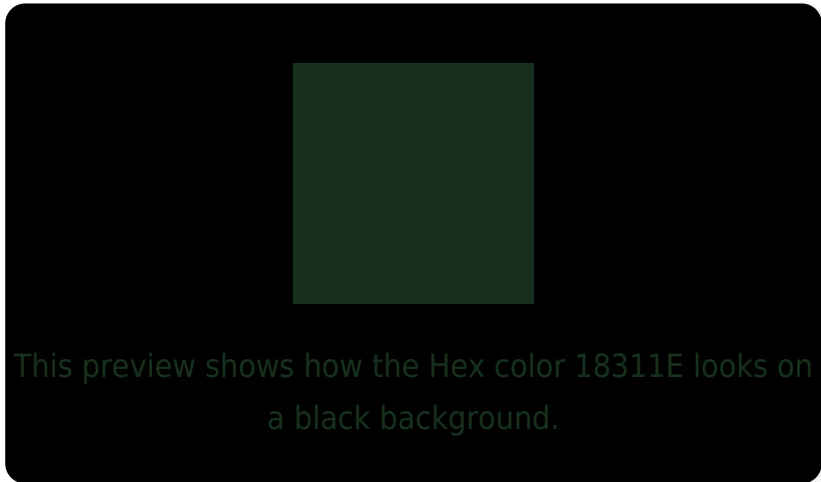
Large Text (above 18pt) WCAG AA ✓ Pass

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

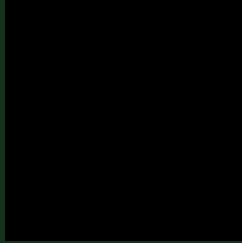
Any Text WCAG AA × Fail

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 18311E Background



This preview shows how black text looks on a background with the Hex color 18311E.



This preview shows how white text looks on a background with the Hex color 18311E.

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
18311E

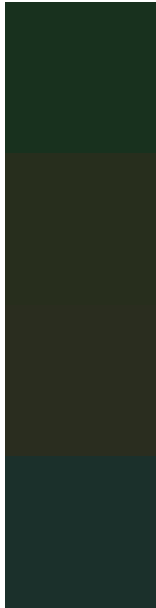
Protanopia
302C1C

Deuteranopia
342A20



Tritanopia
1D2F32

Trichromacy



Original Color
18311E

Protanomaly
272E1D

Deuteranomaly
2A2D1F

Tritanomaly
1B302B

Monochromacy



Original Color
18311E

Achromatopsia
272727

Achromatomaly
222B24

CSS Examples

Text

The CSS property to change the color of the text to Hex 18311E 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 #18311E looks like.

```
.text, #text, p{  
    color:#18311E  
}
```

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 #18311E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18311E
}
```

Border

The CSS property to change the border of an element to Hex 18311E is called "border". The border property can be set on classes, ids or directly on the HTML element.

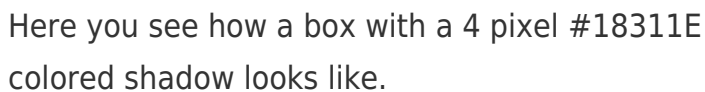
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#18311E }
```

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

```
.border{ border-color:#18311E }
```

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



Here you see how a box with a 4 pixel #18311E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18311E; -webkit-box-shadow:4px 4px  
4px 4px #18311E; box-shadow:4px 4px 4px  
4px #18311E }
```

Background

The CSS property to change the background color of an element to Hex 18311E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18311E }
```

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

```
.background{ background-color:#18311E }
```

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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