

Converting Colors

Hex(19311C)

Have a look what the booklet for
Hex(19311C) contains.

Hex(19311C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(19311C)

Conversions

Conversions Part 1

Format	Color
Hex	19311C
RGB	25, 49, 28
RGB Percent	10%, 19%, 11%
CMY	0.9020, 0.8078, 0.8902
CMYK	0.49, 0.00, 0.43, 0.81
HSL	128°, 32%, 15%
HSV	128°, 49%, 19%
XYZ	1.7088, 2.4871, 1.4886
YIQ	39.4300, -7.5630, -11.6190

Conversions

Conversions Part 2

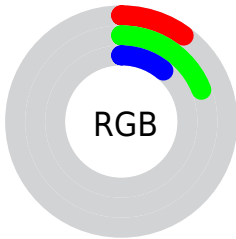
Format	Color
R_{YB}	25, 46, 49
Decimal	1650972
CIE _{Lab}	17.86, -14.96, 10.56
CIE _{LCh}	18, 18.314, 144.799
Yxy	2.4871, 0.3006, 0.4375
Android (android.graphics.Color)	4279841052 (0xFF19311C)
YUV	39.4300, -5.6350, -12.6551
Hunter-Lab	15.7707, -8.2575, 5.4430

Details

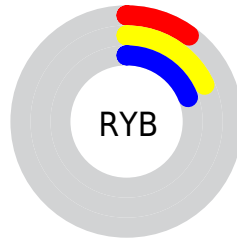
The Hex color **19311C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **31192E**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **465F48**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **143118**, and if you desaturate by 10%, it is **1E3120**.

Distribution



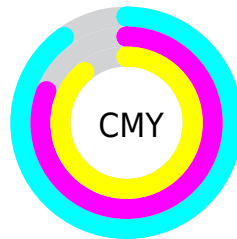
- Red (10%)
- Green (19%)
- Blue (11%)



- Red (10%)
- Yellow (18%)
- Blue (19%)



- Cyan (49%)
- Magenta (0%)
- Yellow (43%)
- Black (81%)



- Cyan (90%)
- Magenta (81%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 19311C 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 19311C by changing the saturation by 10% instead.

■ 19311C

■ 19311C

FFFFFF

■ 021C02

■ 465F48

■ 000000

■ 5E785F

■ 779278

■ 90AD92

■ ABC8AC

■ C7E4C8

■ E3FFE4

■ 19311C

■ 19311C

■ 143118

■ 1E3120

■ 0F3113

■ 233125

■ 0A310F

■ 283129

■ 05310B

■ 2D312D

■ 003107

■ 323131

■ 003106

■ 363136

■ 3B313A

■ 40313E

■ 453143

Harmonies

Analogous

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



292E13



19311C



023229

Triad

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



19311C



102E46



452221

Complementary

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



19311C



31192E

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.



43212F



19311C



292944

Square

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



19311C



003141



3A243B



402517

Rectangle

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



19311C



003332



3A243B



452126

Sweetspot

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



19311C



364037



2E3119



1B211C



A1A1A1



212121

Same Dimension

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



19311C



1A401F



193128



171A17



00590B



00D91B

Inverse Universe

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



31192E



401A3B



311922



1A1719



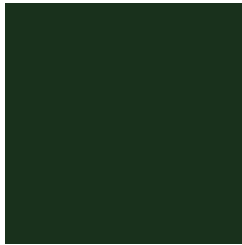
59004E



D900BE

Previews

White Background



This preview shows how the Hex color 19311C looks on a white background.

Color Contrast Check

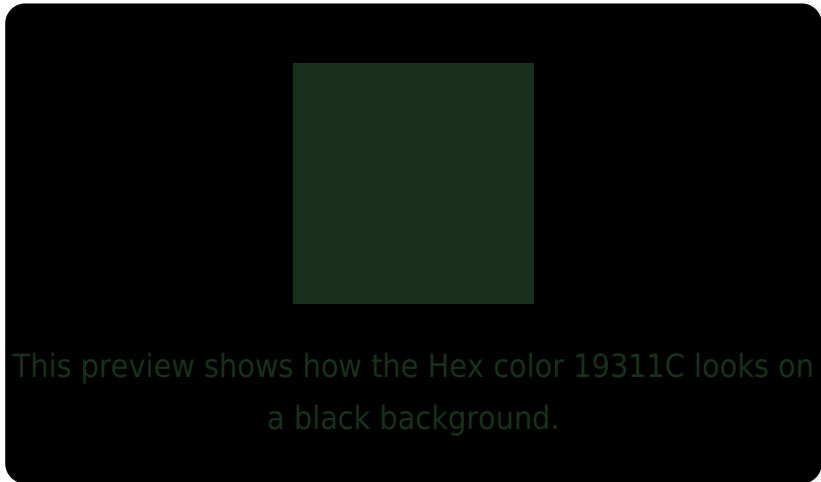
Large Text (above 18pt) WCAG AA ✓ Pass

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

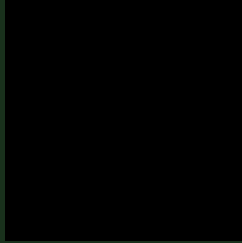
Any Text WCAG AA × Fail

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 19311C Background



This preview shows how black text looks on a background with the Hex color 19311C.



This preview shows how white text looks on a background with the Hex color 19311C.

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
19311C

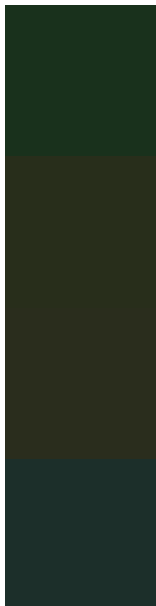
Protanopia
302C1A

Deuteranopia
342A1E



Tritanopia
1E2E32

Trichromacy



Original Color

19311C

Protanomaly

282E1B

Deuteranomaly

2A2D1D

Tritanomaly

1C2F2A

Monochromacy



Original Color

19311C

Achromatopsia

272727

Achromatomaly

222B23

CSS Examples

Text

The CSS property to change the color of the text to Hex 19311C 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 #19311C looks like.

```
.text, #text, p{  
    color:#19311C  
}
```

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 #19311C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19311C
}
```

Border

The CSS property to change the border of an element to Hex 19311C is called "border". The border property can be set on classes, ids or directly on the HTML element.

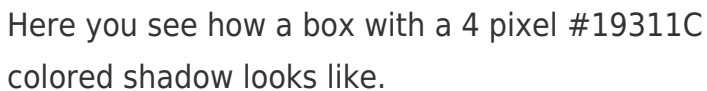
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#19311C }
```

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

```
.border{ border-color:#19311C }
```

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



Here you see how a box with a 4 pixel #19311C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19311C; -webkit-box-shadow:4px 4px  
4px 4px #19311C; box-shadow:4px 4px 4px  
4px #19311C }
```

Background

The CSS property to change the background color of an element to Hex 19311C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19311C }
```

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

```
.background{ background-color:#19311C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor