

Converting Colors

Hex(1F311B)

Have a look what the booklet for
Hex(1F311B) contains.

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Color

Hex(1F311B)

Conversions

Conversions Part 1

Format	Color
Hex	1F311B
RGB	31, 49, 27
RGB Percent	12%, 19%, 11%
CMY	0.8784, 0.8078, 0.8941
CMYK	0.37, 0.00, 0.45, 0.81
HSL	109°, 29%, 15%
HSV	109°, 45%, 19%
XYZ	1.8612, 2.5671, 1.4343
YIQ	41.1100, -3.6660, -10.6580

Conversions

Conversions Part 2

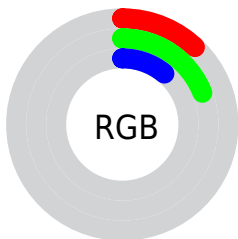
Format	Color
R_{YB}	27, 49, 45
Decimal	2044187
CIE _{Lab}	18.22, -12.73, 11.76
CIE _{LCh}	18, 17.332, 137.253
Yxy	2.5671, 0.3175, 0.4379
Android (android.graphics.Color)	4280234267 (0xFF1F311B)
YUV	41.1100, -6.9562, -8.8665
Hunter-Lab	16.0221, -7.3030, 5.9078

Details

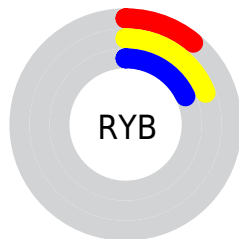
The Hex color **1F311B** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2D1B31**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **4C5F47**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1B3116**, and if you desaturate by 10%, it is **233120**.

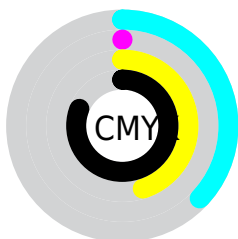
Distribution



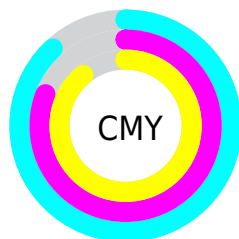
- Red (12%)
- Green (19%)
- Blue (11%)



- Red (11%)
- Yellow (19%)
- Blue (18%)



- Cyan (37%)
- Magenta (0%)
- Yellow (45%)
- Black (81%)



- Cyan (88%)
- Magenta (81%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F311B 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 1F311B by changing the saturation by 10% instead.



1F311B



1F311B

FFFFFF



0A1C01



4C5F47



000000



64785E



7D9277



97AC91



B2C8AB



CDE4C7



EAFFE3



1F311B



1F311B

■ 1B3116

■ 233120

■ 173111

■ 273125

■ 13310C

■ 2B312A

■ 0F3107

■ 2F312F

■ 0B3102

■ 333134

■ 093100

■ 373138

■ 3B313D

■ 3F3142

■ 433147

Harmonies

Analogous

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



2D2E14



1F311B



0D3327

Triad

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



1F311B



0D2F45



452326

Complementary

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



1F311B



2D1B31

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.



412332



1F311B



252B44

Square

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



1F311B



00323E



37273E



41261B

Rectangle

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



1F311B



00332F



37273E



44222A

Sweetspot

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



1F311B



394037



312D1B



1D211C



A1A1A1



212121

Same Dimension

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



1F311B



24401D



1B3122



171A17



105900



27D900

Inverse Universe

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



2D1B31



391D40



311B2A



19171A



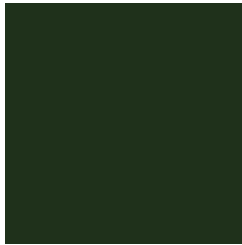
490059



B100D9

Previews

White Background



This preview shows how the Hex color 1F311B looks on a white background.

Color Contrast Check

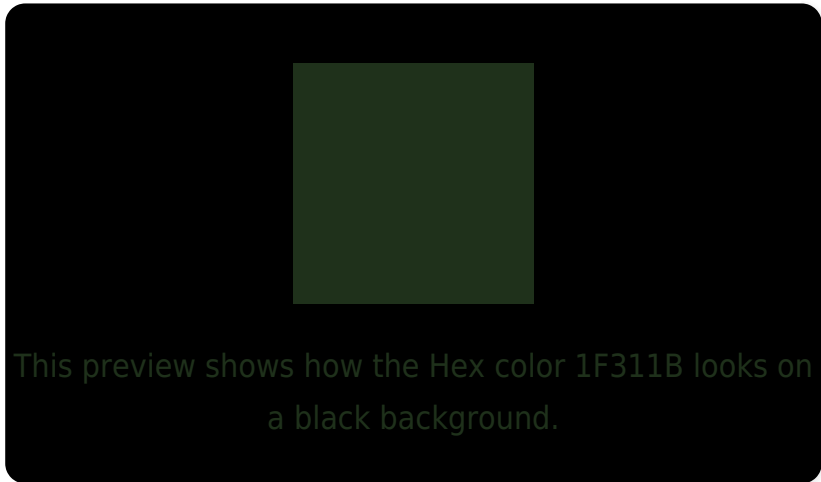
Large Text (above 18pt) WCAG AA ✓ Pass

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

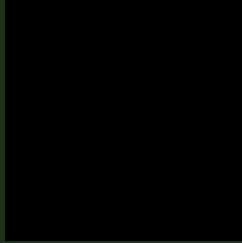
Any Text WCAG AA × Fail

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 1F311B Background



This preview shows how black text looks on a background with the Hex color 1F311B.



This preview shows how white text looks on a background with the Hex color 1F311B.

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

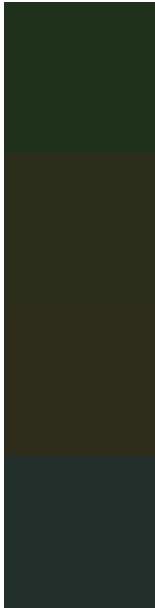


Original Color
1F311B

Protanopia
312C19

Deuteranopia
362A1D

Trichromacy



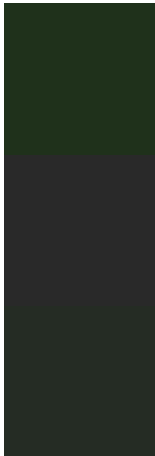
Original Color
1F311B

Protanomaly
2A2E1A

Deuteranomaly
2E2D1C

Tritanomaly
222F2A

Monochromacy



Original Color
1F311B

Achromatopsia
292929

Achromatomaly
252C24

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F311B 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 #1F311B looks like.

```
.text, #text, p{  
    color:#1F311B  
}
```

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 #1F311B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F311B
}
```

Border

The CSS property to change the border of an element to Hex 1F311B 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
#1F311B }
```

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

```
.border{ border-color:#1F311B }
```

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

Here you see how a box with a 4 pixel #1F311B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F311B; -webkit-box-shadow:4px 4px  
4px 4px #1F311B; box-shadow:4px 4px 4px  
4px #1F311B }
```

Background

The CSS property to change the background color of an element to Hex 1F311B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F311B }
```

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

```
.background{ background-color:#1F311B }
```

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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