

Converting Colors

Hex(311919)

Have a look what the booklet for
Hex(311919) contains.

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Color

Hex(311919)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 311919 |
| RGB | 49, 25, 25 |
| RGB Percent | 19%, 10%, 10% |
| CMY | 0.8078, 0.9020, 0.9020 |
| CMYK | 0.00, 0.49, 0.49, 0.81 |
| HSL | 0°, 32%, 15% |
| HSV | 0°, 49%, 19% |
| XYZ | 1.7897, 1.4184, 1.0992 |
| YIQ | 32.1760, 14.3040, 5.0880 |

Conversions

Conversions Part 2

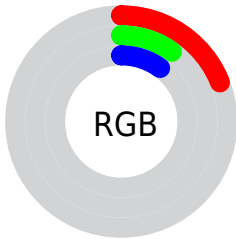
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 49, 25, 25 |
| Decimal | 3217689 |
| CIE _{Lab} | 12.08, 11.99, 5.19 |
| CIE _{LCh} | 12, 13.062, 23.406 |
| Yxy | 1.4184, 0.4155, 0.3293 |
| Android (android.graphics.Color) | 4281407769 (0xFF311919) |
| YUV | 32.1760, -3.5378, 14.7546 |
| Hunter-Lab | 11.9097, 5.9819, 2.8649 |

Details

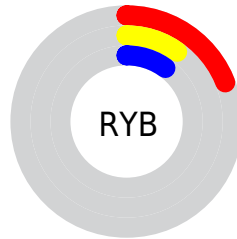
The Hex color **311919** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **193131**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **614444**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **311414**, and if you desaturate by 10%, it is **311E1E**.

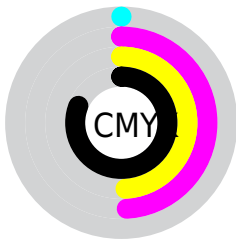
Distribution



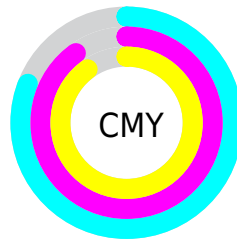
- Red (19%)
- Green (10%)
- Blue (10%)



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



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





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

Brightness & Saturation Gradients

These gradients show how the Hex color 311919 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 311919 by changing the saturation by 10% instead.

 311919

 311919

 FFFDFB

 1E0000

 614444

 000000

 7A5C5B


 947574


 AF8E8D

 CAA9A8

 E7C4C3

 FFE0DF

 311919

 311919

■ 311414

■ 311E1E

■ 310F0F

■ 312323

■ 310A0A

■ 312828

■ 310505

■ 312D2D

■ 310000

■ 313232

■ 313636

■ 313B3B

■ 314040

■ 314545

Harmonies

Analogous

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



301922



311919



2E1B11

Triad

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



311919



142315



0E2131

Complementary

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



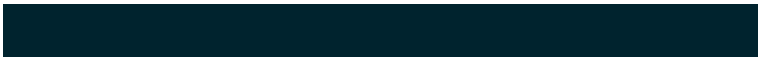
311919



193131

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.



00232E



311919



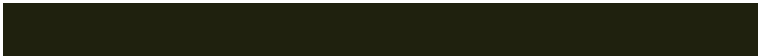
08241D

Square

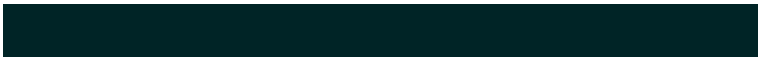
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



311919



1F210E



002426



1E1E30

Rectangle

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



311919



2A1D0D



002426



092231

Sweetspot

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



311919



403636



311931



211B1B



A1A1A1



212121

Same Dimension

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



311919



401A1A



312519



1A1717



590000



D90000

Inverse Universe

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



193131



1A4040



192531



171A1A



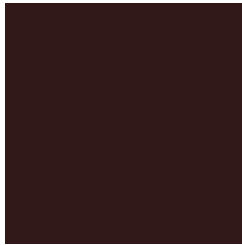
005959



00D9D9

Previews

White Background



This preview shows how the Hex color 311919 looks on a white background.

Color Contrast Check

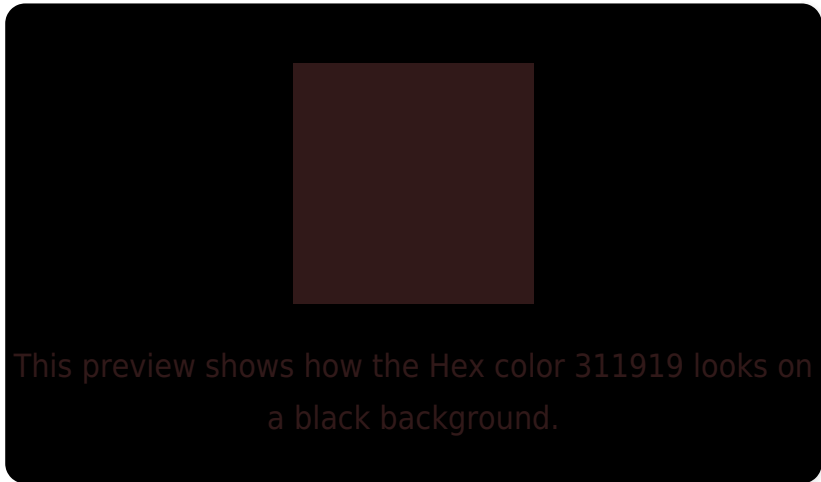
Large Text (above 18pt) WCAG AA ✓ Pass

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 311919 Background



This preview shows how black text looks on a background with the Hex color 311919.



This preview shows how white text looks on a background with the Hex color 311919.

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
311919

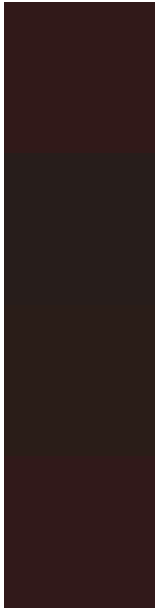
Protanopia
22201C

Deuteranopia
261F18



Tritanopia
31191B

Trichromacy



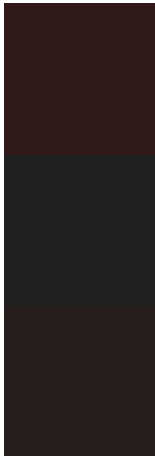
Original Color
311919

Protanomaly
271D1B

Deuteranomaly
2A1D18

Tritanomaly
31191A

Monochromacy



Original Color
311919

Achromatopsia
202020

Achromatomaly
261D1D

CSS Examples

Text

The CSS property to change the color of the text to Hex 311919 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 #311919 looks like.

```
.text, #text, p{  
    color:#311919  
}
```

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 #311919 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #311919
}
```

Border

The CSS property to change the border of an element to Hex 311919 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".

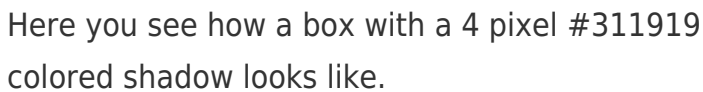
```
.border, #border, table{ border:4px solid
#311919 }
```

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

```
.border{ border-color:#311919 }
```

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

Here you see how a box with a 4 pixel #311919 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #311919; -webkit-box-shadow:4px 4px  
4px 4px #311919; box-shadow:4px 4px 4px  
4px #311919 }
```

Background

The CSS property to change the background color of an element to Hex 311919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#311919 }
```

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

```
.background{ background-color:#311919 }
```

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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