

Converting Colors

Hex(311D2C)

Have a look what the booklet for
Hex(311D2C) contains.

Hex(311D2C)	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(311D2C)

Conversions

Conversions Part 1

Format	Color
Hex	311D2C
RGB	49, 29, 44
RGB Percent	19%, 11%, 17%
CMY	0.8078, 0.8863, 0.8275
CMYK	0.00, 0.41, 0.10, 0.81
HSL	315°, 26%, 15%
HSV	315°, 41%, 19%
XYZ	2.1606, 1.7135, 2.5997
YIQ	36.6900, 7.1050, 8.9050

Conversions

Conversions Part 2

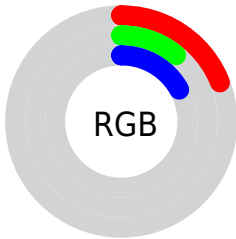
Format	Color
RYB	49, 29, 44
Decimal	3218732
CIELab	13.91, 12.73, -6.03
CIElCh	14, 14.089, 334.665
Yxy	1.7135, 0.3337, 0.2647
Android (android.graphics.Color)	4281408812 (0xFF311D2C)
YUV	36.6900, 3.6038, 10.7959
Hunter-Lab	13.0903, 6.5544, -2.6119

Details

The Hex color **311D2C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1D3122**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **604959**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **31182B**, and if you desaturate by 10%, it is **31222D**.

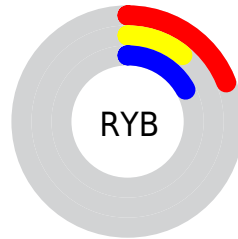
Distribution



Red (19%)

Green (11%)

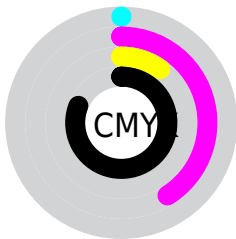
Blue (17%)



Red (19%)

Yellow (11%)

Blue (17%)

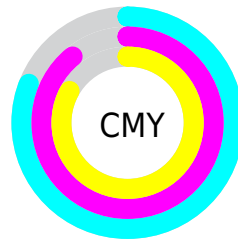


Cyan (0%)

Magenta (41%)

Yellow (10%)

Black (81%)



Cyan (81%)

Magenta (89%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 311D2C 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 311D2C by changing the saturation by 10% instead.

■ 311D2C

■ 311D2C

FFFFFF

■ 1D0518

■ 604959

■ 000000

■ 796172

■ 927A8B

■ AD94A6

■ C9AEC1

■ E5CADD

■ FFE6F9

■ 311D2C

■ 311D2C

■ 31182B

■ 31222D

■ 31132A

■ 31272E

■ 310E28

■ 312C30

■ 310927

■ 313131

■ 310426

■ 313632

■ 310025

■ 313A33

■ 313F35

■ 314436

■ 314937

Harmonies

Analogous

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



262034



311D2C



361C22

Triad

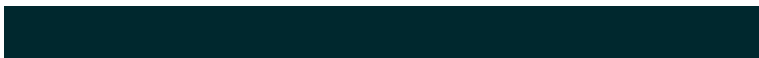
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



311D2C



28230F



00282E

Complementary

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



311D2C



1D3122

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.



042925



311D2C



1E2613

Square

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



311D2C



312012



12281B



042735

Rectangle

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



311D2C



361C1C



12281B



00282B

Sweetspot

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



311D2C



40383E



221D31



211D20



A1A1A1



212121

Same Dimension

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



311D2C



402138



311D22



1A1719



590043



D900A3

Inverse Universe

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



311D2C



402138



1D312C



1A1719



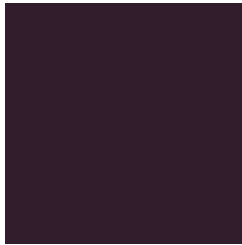
590043



D900A3

Previews

White Background



This preview shows how the Hex color 311D2C looks on a white background.

Color Contrast Check

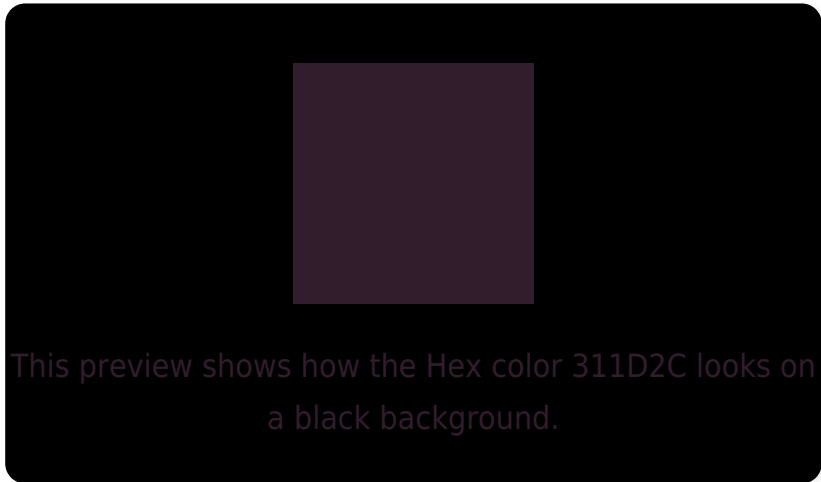
Large Text (above 18pt) WCAG AA ✓ Pass

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

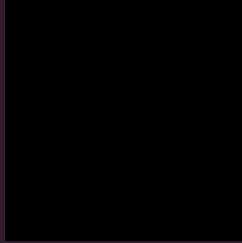
Any Text WCAG AA × Fail

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 311D2C Background



This preview shows how black text looks on a background with the Hex color 311D2C.



This preview shows how white text looks on a background with the Hex color 311D2C.

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
311D2C

Protanopia
202331

Deuteranopia
24232B



Tritanopia
301F21

Trichromacy



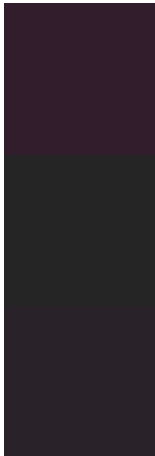
Original Color
311D2C

Protanomaly
26212F

Deuteranomaly
29212B

Tritanomaly
301E25

Monochromacy



Original Color
311D2C

Achromatopsia
252525

Achromatomaly
292228

CSS Examples

Text

The CSS property to change the color of the text to Hex 311D2C 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 #311D2C looks like.

```
.text, #text, p{  
    color:#311D2C  
}
```

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 #311D2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #311D2C  
}
```

Border

The CSS property to change the border of an element to Hex 311D2C is called "border". The border property can be set on classes, ids or directly on the HTML element.

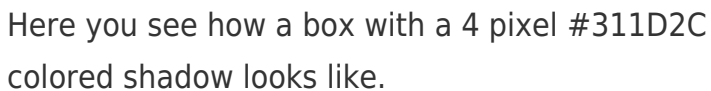
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#311D2C }
```

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

```
.border{ border-color:#311D2C }
```

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



Here you see how a box with a 4 pixel #311D2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #311D2C; -webkit-box-shadow:4px 4px  
4px 4px #311D2C; box-shadow:4px 4px 4px  
4px #311D2C }
```

Background

The CSS property to change the background color of an element to Hex 311D2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#311D2C }
```

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

```
.background{ background-color:#311D2C }
```

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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