

Converting Colors

Hex(311415)

Have a look what the booklet for
Hex(311415) contains.

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Color

Hex(311415)

Conversions

Conversions Part 1

Format	Color
Hex	311415
RGB	49, 20, 21
RGB Percent	19%, 8%, 8%
CMY	0.8078, 0.9216, 0.9176
CMYK	0.00, 0.59, 0.57, 0.81
HSL	358°, 42%, 14%
HSV	358°, 59%, 19%
XYZ	1.6521, 1.2074, 0.8554
YIQ	28.7850, 16.9630, 6.4590

Conversions

Conversions Part 2

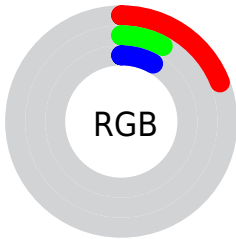
Format	Color
R_YB	49, 20, 21
Decimal	3216405
CIE Lab	10.61, 14.81, 6.06
CIE LCh	11, 16.006, 22.251
Yxy	1.2074, 0.4447, 0.3250
Android (android.graphics.Color)	4281406485 (0xFF311415)
YUV	28.7850, -3.8380, 17.7286
Hunter-Lab	10.9883, 7.6088, 3.0760

Details

The Hex color **311415** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **143130**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **613F3F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **310F10**, and if you desaturate by 10%, it is **31191A**.

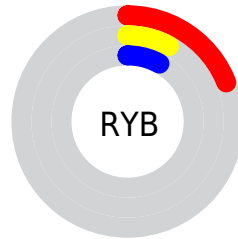
Distribution



Red (19%)

Green (8%)

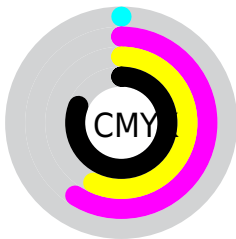
Blue (8%)



Red (19%)

Yellow (8%)

Blue (8%)

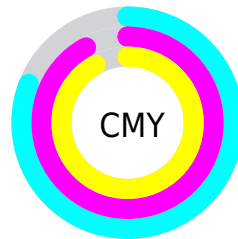


Cyan (0%)

Magenta (59%)

Yellow (57%)

Black (81%)



Cyan (81%)

Magenta (92%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 311415 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 311415 by changing the saturation by 10% instead.

■ 311415

■ 311415

■ FFF7F6

■ 1E0000

■ 613F3F

■ 000000

■ 7B5756

■ 956F6F

■ B08988

■ CCA3A2

■ E8BEBD

■ FFDAD9

■ 311415

■ 311415

■ 310F10

■ 31191A

■ 310A0C

■ 311E1E

■ 310507

■ 312323

■ 310002

■ 312828

■ 312D2D

■ 313131

■ 313636

■ 313B3B

■ 314040

Harmonies

Analogous

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



2F1420



311415



2E1708

Triad

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



311415



0F210E



021F32

Complementary

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



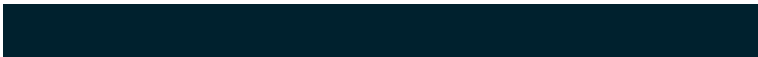
311415



143130

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.



00212E



311415



002219

Square

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



311415



1C1E02



002225



191B31

Rectangle

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



311415



291A02



002225



002031

Sweetspot

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



311415



403435



301431



211A1A



A1A1A1



212121

Same Dimension

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



311415



401214



312114



1A1717



590003



D90007

Inverse Universe

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



311415



401214



142431



1A1717



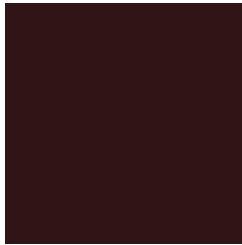
590003



D90007

Previews

White Background



This preview shows how the Hex color 311415 looks on a white background.

Color Contrast Check

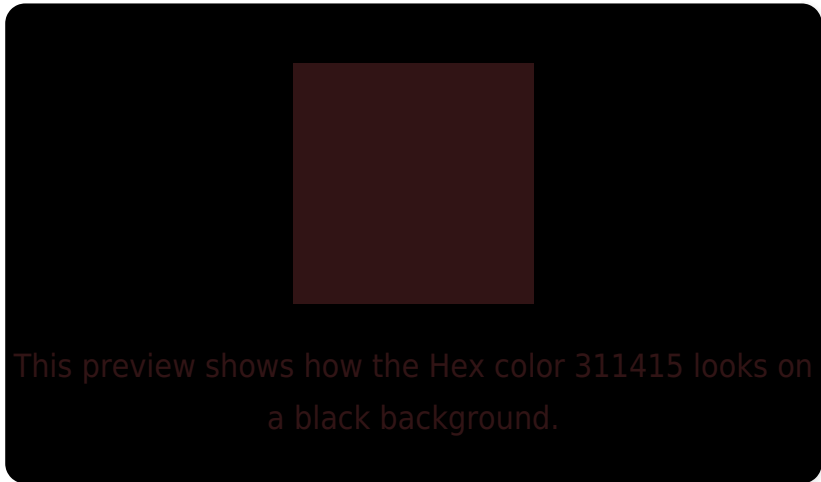
Large Text (above 18pt) WCAG AA ✓ Pass

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 311415 Background



This preview shows how black text looks on a background with the Hex color 311415.

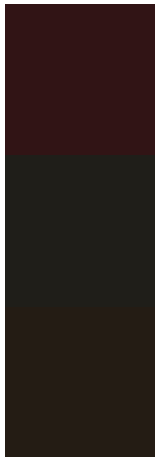


This preview shows how white text looks on a background with the Hex color 311415.

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](#).

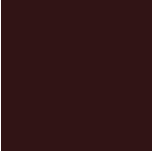
Dichromacy



Original Color
311415

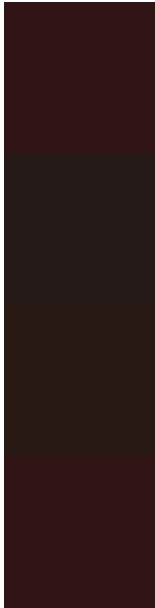
Protanopia
1F1E19

Deuteranopia
241C14



Tritanopia
311415

Trichromacy



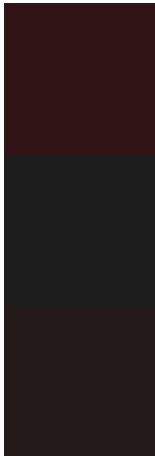
Original Color
311415

Protanomaly
261A18

Deuteranomaly
291914

Tritanomaly
311415

Monochromacy



Original Color
311415

Achromatopsia
1D1D1D

Achromatomaly
241A1A

CSS Examples

Text

The CSS property to change the color of the text to Hex 311415 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 #311415 looks like.

```
.text, #text, p{  
    color:#311415  
}
```

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 #311415 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #311415
}
```

Border

The CSS property to change the border of an element to Hex 311415 is called "border". The border property can be set on classes, ids or directly on the HTML element.

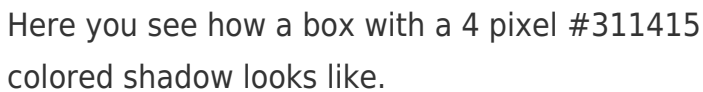
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#311415 }
```

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

```
.border{ border-color:#311415 }
```

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



Here you see how a box with a 4 pixel #311415 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #311415; -webkit-box-shadow:4px 4px  
4px 4px #311415; box-shadow:4px 4px 4px  
4px #311415 }
```

Background

The CSS property to change the background color of an element to Hex 311415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#311415 }
```

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

```
.background{ background-color:#311415 }
```

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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