

Converting Colors

Hex(01311E)

Have a look what the booklet for
Hex(01311E) contains.

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Color

Hex(01311E)

Conversions

Conversions Part 1

Format	Color
Hex	01311E
RGB	1, 49, 30
RGB Percent	0%, 19%, 12%
CMY	0.9961, 0.8078, 0.8824
CMYK	0.98, 0.00, 0.39, 0.81
HSL	156°, 96%, 10%
HSV	156°, 98%, 19%
XYZ	1.3452, 2.2968, 1.6007
YIQ	32.4820, -22.5090, -16.0850

Conversions

Conversions Part 2

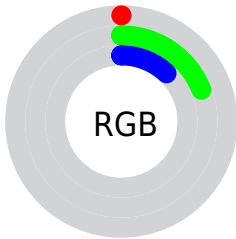
Format	Color
R_{YB}	1, 31, 49
Decimal	78110
CIE _{Lab}	16.97, -21.18, 7.86
CIE _{LCh}	17, 22.594, 159.652
Yxy	2.2968, 0.2566, 0.4381
Android (android.graphics.Color)	4278268190 (0xFF01311E)
YUV	32.4820, -1.2236, -27.6097
Hunter-Lab	15.1552, -10.6781, 4.3463

Details

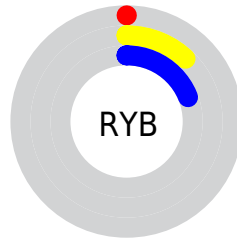
The Hex color **01311E** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **310114**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **33604A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00311E**, and if you desaturate by 10%, it is **063120**.

Distribution



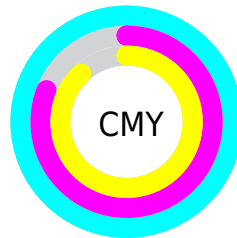
- Red (0%)
- Green (19%)
- Blue (12%)



- Red (0%)
- Yellow (12%)
- Blue (19%)



- Cyan (98%)
- Magenta (0%)
- Yellow (39%)
- Black (81%)





- Cyan (100%)
- Magenta (81%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 01311E 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 01311E by changing the saturation by 10% instead.

 01311E

 01311E

 ECFFFF

 001D05

 33604A

 000000

 4B7962

 64937A

 7EAD94

 98C9AF

 B4E5CA

 CFFFE6

 01311E

 01311E

■ 00311E

■ 063120

■ 0B3122

■ 103124

■ 153126

■ 1A3128

■ 1E312A

■ 23312C

■ 28312E

■ 2D312F

Harmonies

Analogous

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



1C2F0F



01311E



00322F

Triad

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



01311E



152A4A



451F16

Complementary

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



01311E



310114

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.



481B25



01311E



322343

Square

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



01311E



002F48



411D35



3C2509

Rectangle

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



01311E



003239



411D35



471D1B

Sweetspot

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



01311E



2D4038



143101



16211D



A1A1A1



212121

Same Dimension

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



01311E



004027



012C31



171A18



005936



00D983

Inverse Universe

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



310114



400019



310601



1A1718



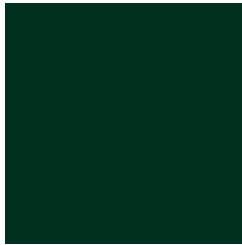
590023



D90056

Previews

White Background



This preview shows how the Hex color 01311E looks on a white background.

Color Contrast Check

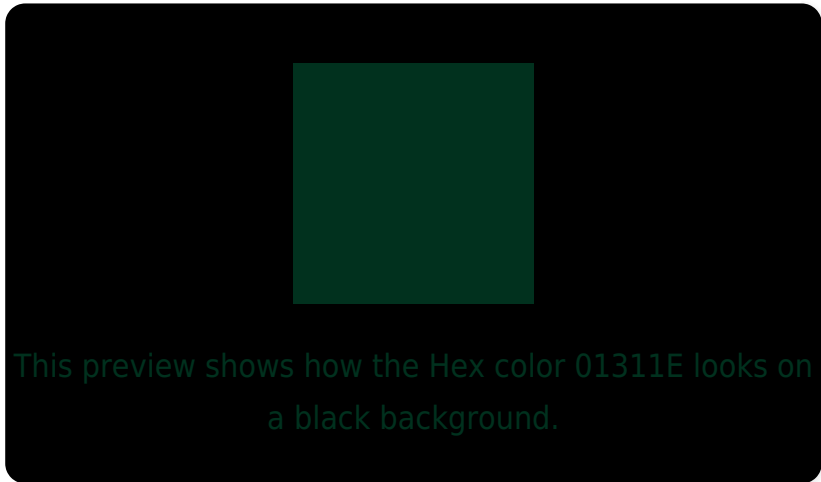
Large Text (above 18pt) WCAG AA ✓ Pass

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

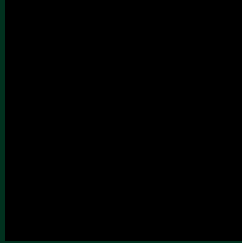
Any Text WCAG AA × Fail

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 01311E Background



This preview shows how black text looks on a background with the Hex color 01311E.



This preview shows how white text looks on a background with the Hex color 01311E.

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
01311E

Protanopia
2E2A1B

Deuteranopia
322920



Tritanopia
122F32

Trichromacy



Original Color
01311E

Protanomaly
1E2D1C

Deuteranomaly
202C1F

Tritanomaly
0C302B

Monochromacy



Original Color
01311E

Achromatopsia
202020

Achromatomaly
15261F

CSS Examples

Text

The CSS property to change the color of the text to Hex 01311E 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 #01311E looks like.

```
.text, #text, p{  
    color:#01311E  
}
```

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 #01311E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01311E
}
```

Border

The CSS property to change the border of an element to Hex 01311E 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".

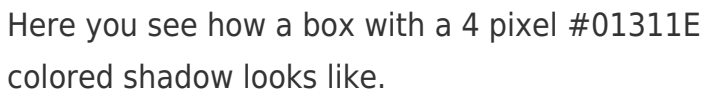
```
.border, #border, table{ border:4px solid
#01311E }
```

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

```
.border{ border-color:#01311E }
```

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

Here you see how a box with a 4 pixel #01311E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01311E; -webkit-box-shadow:4px 4px  
4px 4px #01311E; box-shadow:4px 4px 4px  
4px #01311E }
```

Background

The CSS property to change the background color of an element to Hex 01311E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01311E }
```

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

```
.background{ background-color:#01311E }
```

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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