

Converting Colors

Hex(29311E)

Have a look what the booklet for
Hex(29311E) contains.

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Color

Hex(29311E)

Conversions

Conversions Part 1

Format	Color
Hex	29311E
RGB	41, 49, 30
RGB Percent	16%, 19%, 12%
CMY	0.8392, 0.8078, 0.8824
CMYK	0.16, 0.00, 0.39, 0.81
HSL	85°, 24%, 15%
HSV	85°, 39%, 19%
XYZ	2.2471, 2.7618, 1.6429
YIQ	44.4420, 1.3310, -7.6050

Conversions

Conversions Part 2

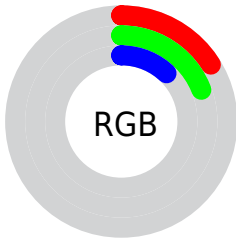
Format	Color
RYB	30, 49, 38
Decimal	2699550
CIELab	19.06, -7.63, 11.03
CIElCh	19, 13.415, 124.671
Yxy	2.7618, 0.3378, 0.4152
Android (android.graphics.Color)	4280889630 (0xFF29311E)
YUV	44.4420, -7.1199, -3.0186
Hunter-Lab	16.6186, -4.9464, 5.7715

Details

The Hex color **29311E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **261E31**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **565F4A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **273119**, and if you desaturate by 10%, it is **2B3123**.

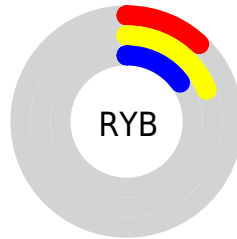
Distribution



Red (16%)

Green (19%)

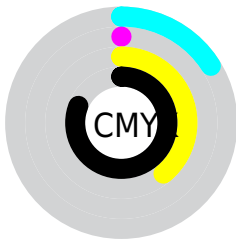
Blue (12%)



Red (12%)

Yellow (19%)

Blue (15%)

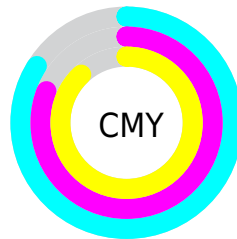


Cyan (16%)

Magenta (0%)

Yellow (39%)

Black (81%)



Cyan (84%)

Magenta (81%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29311E 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 29311E by changing the saturation by 10% instead.

■ 29311E

■ 29311E

FFFFFF

■ 161C06

■ 565F4A

■ 000000

■ 6F7862

■ 88927B

■ A3AC94

■ BEC7AF

■ DAE3CB

■ F6FFE7

■ 29311E

■ 29311E

■ 273119

■ 2B3123

■ 253114

■ 2D3128

■ 23310F

■ 2F312D

■ 21310A

■ 313132

■ 1F3106

■ 333137

■ 1D3101

■ 35313B

■ 1C3100

■ 373140

■ 3A3145

■ 3C314A

Harmonies

Analogous

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



332E1B



29311E



1D3326

Triad

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



29311E



153240



41272D

Complementary

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



29311E



261E31

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.



3C2837



29311E



232F42

Square

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



29311E



0D3339



322B3E



412824

Rectangle

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



29311E



16332C



322B3E



402730

Sweetspot

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



29311E



3D4038



31261E



1F211D



A1A1A1



212121

Same Dimension

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



29311E



334022



20311E



181A17



345900



7DD900

Inverse Universe

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



261E31



2E2240



2F1E31



18171A



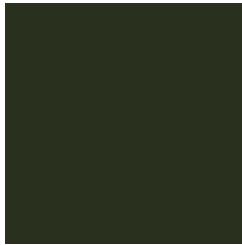
260059



5B00D9

Previews

White Background



This preview shows how the Hex color 29311E looks on a white background.

Color Contrast Check

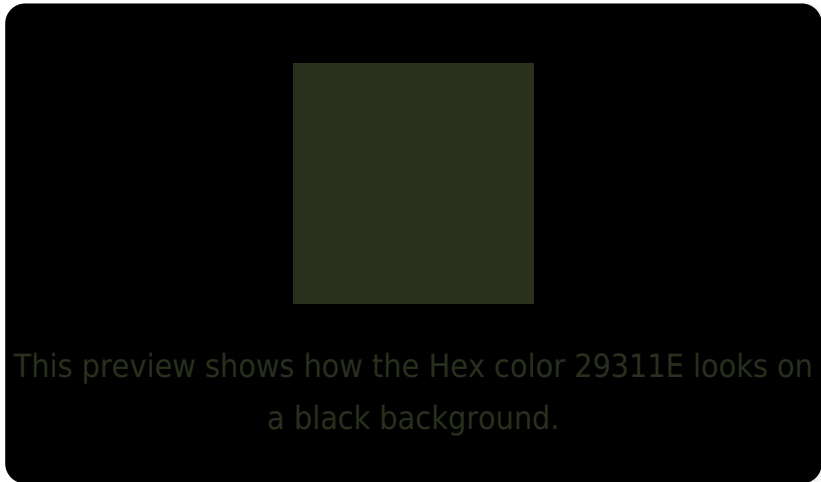
Large Text (above 18pt) WCAG AA ✓ Pass

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 29311E Background



This preview shows how black text looks on a background with the Hex color 29311E.

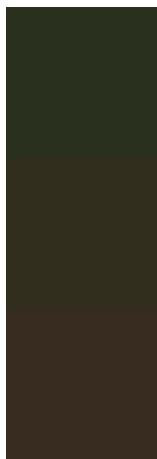


This preview shows how white text looks on a background with the Hex color 29311E.

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

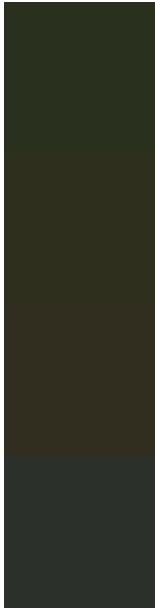


Original Color
29311E

Protanopia
322E1D

Deuteranopia
372C1F

Trichromacy



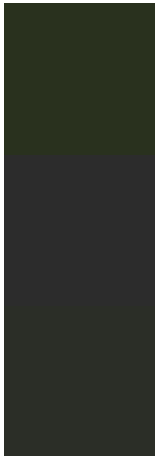
Original Color
29311E

Protanomaly
2F2F1D

Deuteranomaly
322E1F

Tritanomaly
2B302B

Monochromacy



Original Color
29311E

Achromatopsia
2C2C2C

Achromatomaly
2B2E27

CSS Examples

Text

The CSS property to change the color of the text to Hex 29311E 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 #29311E looks like.

```
.text, #text, p{  
    color:#29311E  
}
```

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 #29311E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29311E
}
```

Border

The CSS property to change the border of an element to Hex 29311E is called "border". The border property can be set on classes, ids or directly on the HTML element.

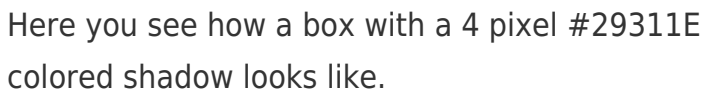
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#29311E }
```

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

```
.border{ border-color:#29311E }
```

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



Here you see how a box with a 4 pixel #29311E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29311E; -webkit-box-shadow:4px 4px  
4px 4px #29311E; box-shadow:4px 4px 4px  
4px #29311E }
```

Background

The CSS property to change the background color of an element to Hex 29311E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29311E }
```

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

```
.background{ background-color:#29311E }
```

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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