

Converting Colors

Hex(29331F)

Have a look what the booklet for
Hex(29331F) contains.

Hex(29331F)	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(29331F)

Conversions

Conversions Part 1

Format	Color
Hex	29331F
RGB	41, 51, 31
RGB Percent	16%, 20%, 12%
CMY	0.8392, 0.8000, 0.8784
CMYK	0.20, 0.00, 0.39, 0.80
HSL	90°, 24%, 16%
HSV	90°, 39%, 20%
XYZ	2.3456, 2.9380, 1.7398
YIQ	45.7300, 0.4600, -8.3400

Conversions

Conversions Part 2

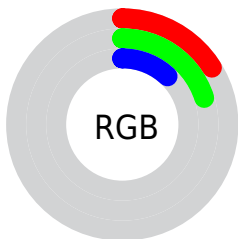
Format	Color
RYB	31, 51, 41
Decimal	2700063
CIELab	19.79, -8.71, 11.34
CIELCh	20, 14.300, 127.538
Yxy	2.9380, 0.3340, 0.4183
Android (android.graphics.Color)	4280890143 (0xFF29331F)
YUV	45.7300, -7.2619, -4.1482
Hunter-Lab	17.1406, -5.5692, 5.9804

Details

The Hex color **29331F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **291F33**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **57614B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **26331A**, and if you desaturate by 10%, it is **2C3324**.

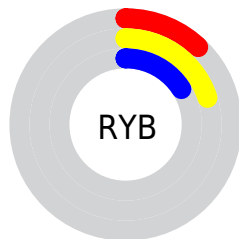
Distribution



Red (16%)

Green (20%)

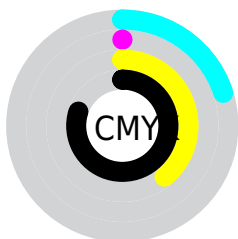
Blue (12%)



Red (12%)

Yellow (20%)

Blue (16%)

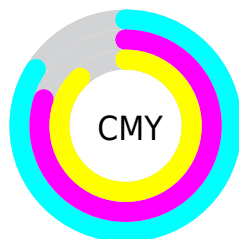


Cyan (20%)

Magenta (0%)

Yellow (39%)

Black (80%)



Cyan (84%)

Magenta (80%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29331F 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 29331F by changing the saturation by 10% instead.

■ 29331F

■ 29331F

FFFFFF

■ 151E08

■ 57614B

■ 000000

■ 6F7A63

■ 88947C

■ A3AF96

■ BECAB0

■ DAE6CC

■ F6FFE8

■ 29331F

■ 29331F

■ 26331A

■ 2C3324

■ 243315

■ 2E3329

■ 213310

■ 31332E

■ 1F330B

■ 333333

■ 1C3305

■ 363339

■ 1A3300

■ 38333E

■ 3B3343

■ 3D3348

■ 40334D

Harmonies

Analogous

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



34301B



29331F



1C3528

Triad

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



29331F



153343



44282E

Complementary

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



29331F



291F33

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.



3F2938



29331F



263044

Square

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



29331F



0A353C



352C40



432924

Rectangle

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



29331F



14352F



352C40



432831

Sweetspot

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



29331F



3E423A



33291F



1F211D



A1A1A1



212121

Same Dimension

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



29331F



334223



1F331F



181A17



2D5900



6CD900

Inverse Universe

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



291F33



332342



331F33



18171A



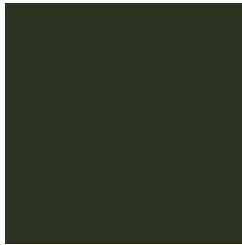
2D0059



6C00D9

Previews

White Background



This preview shows how the Hex color 29331F looks on a white background.

Color Contrast Check

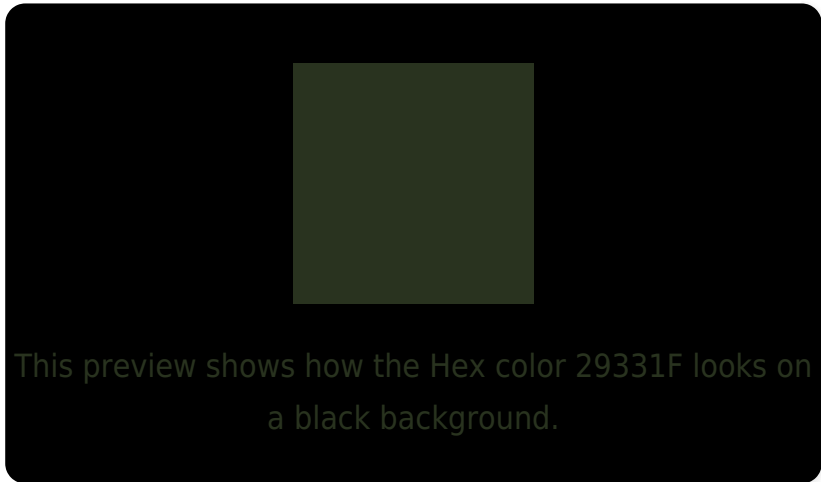
Large Text (above 18pt) WCAG AA ✓ Pass

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

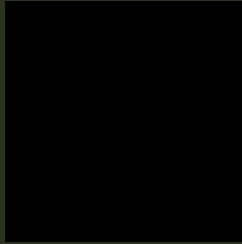
Any Text WCAG AA × Fail

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 29331F Background



This preview shows how black text looks on a background with the Hex color 29331F.

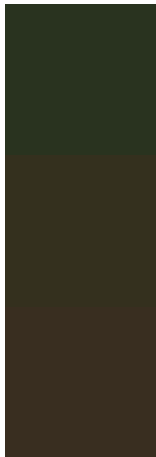


This preview shows how white text looks on a background with the Hex color 29331F.

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

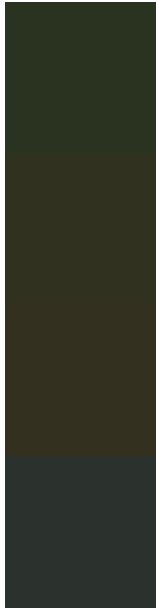


Original Color
29331F

Protanopia
34301E

Deuteranopia
392E20

Trichromacy



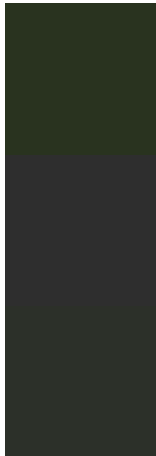
Original Color
29331F

Protanomaly
30311E

Deuteranomaly
333020

Tritanomaly
2B312C

Monochromacy



Original Color
29331F

Achromatopsia
2E2E2E

Achromatomaly
2C3029

CSS Examples

Text

The CSS property to change the color of the text to Hex 29331F 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 #29331F looks like.

```
.text, #text, p{  
    color:#29331F  
}
```

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 #29331F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29331F
}
```

Border

The CSS property to change the border of an element to Hex 29331F is called "border". The border property can be set on classes, ids or directly on the HTML element.

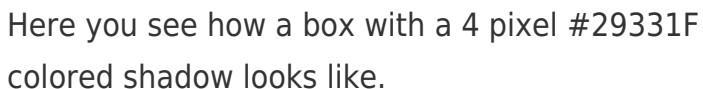
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#29331F }
```

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

```
.border{ border-color:#29331F }
```

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



Here you see how a box with a 4 pixel #29331F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29331F; -webkit-box-shadow:4px 4px  
4px 4px #29331F; box-shadow:4px 4px 4px  
4px #29331F }
```

Background

The CSS property to change the background color of an element to Hex 29331F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29331F }
```

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

```
.background{ background-color:#29331F }
```

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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