

Converting Colors

Hex(30291E)

Have a look what the booklet for
Hex(30291E) contains.

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Color

Hex(30291E)

Conversions

Conversions Part 1

Format	Color
Hex	30291E
RGB	48, 41, 30
RGB Percent	19%, 16%, 12%
CMY	0.8118, 0.8392, 0.8824
CMYK	0.00, 0.15, 0.37, 0.81
HSL	37°, 23%, 15%
HSV	37°, 38%, 19%
XYZ	2.2462, 2.3080, 1.5554
YIQ	41.8390, 7.7030, -1.9370

Conversions

Conversions Part 2

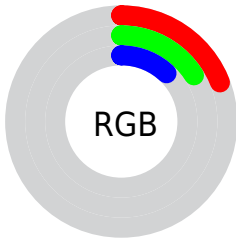
Format	Color
RYB	41, 48, 30
Decimal	3156254
CIELab	17.03, 1.13, 8.42
CIELCh	17, 8.491, 82.370
Yxy	2.3080, 0.3677, 0.3778
Android (android.graphics.Color)	4281346334 (0xFF30291E)
YUV	41.8390, -5.8366, 5.4032
Hunter-Lab	15.1921, -0.1942, 4.5642

Details

The Hex color **30291E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1E2530**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **5E564A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **302719**, and if you desaturate by 10%, it is **302B23**.

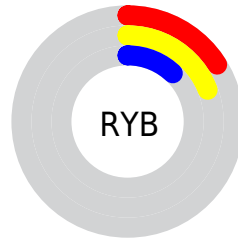
Distribution



Red (19%)

Green (16%)

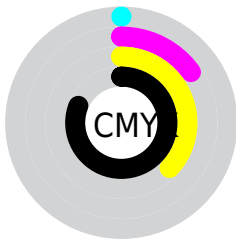
Blue (12%)



Red (16%)

Yellow (19%)

Blue (12%)

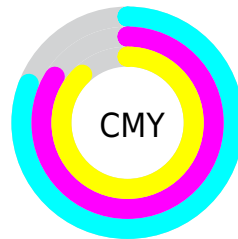


Cyan (0%)

Magenta (15%)

Yellow (37%)

Black (81%)



Cyan (81%)

Magenta (84%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30291E 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 30291E by changing the saturation by 10% instead.

■ 30291E

■ 30291E

FFFFFF

■ 1C1505

■ 5E564A

■ 000000

■ 776E61

■ 91887A

■ ACA294

■ C7BDAF

■ E3D9CA

■ FFF5E6

■ 30291E

■ 30291E

■ 302719

■ 302B23

■ 302514

■ 302D28

■ 302310

■ 302F2C

■ 30220B

■ 303031

■ 302006

■ 303236

■ 301E01

■ 30343B

■ 301D00

■ 303640

■ 303844

■ 303A49

Harmonies

Analogous

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



352721



30291E



2A2B1F

Triad

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



30291E



192D2E



302731

Complementary

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



30291E



1E2530

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.



292935



30291E



1A2D33

Square

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



30291E



1C2D28



212B36



35262C

Rectangle

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



30291E



252C21



212B36



2E2833

Sweetspot

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



30291E



3D3B36



301E25



1F1D1B



9E9E9E



1F1F1F

Same Dimension

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



30291E



3D3222



2E301E



171615



573500



D68300

Inverse Universe

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



1E2530



222C3D



201E30



151617



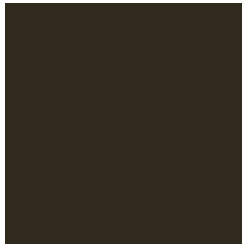
002257



0053D6

Previews

White Background



This preview shows how the Hex color 30291E looks on a white background.

Color Contrast Check

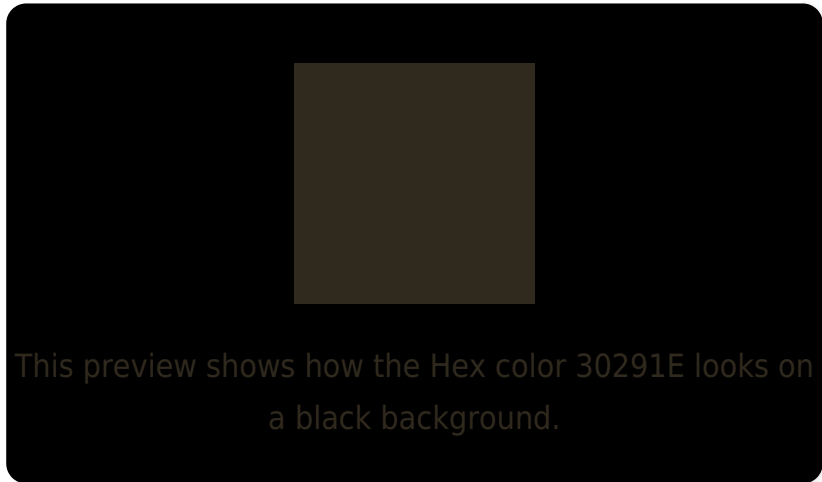
Large Text (above 18pt) WCAG AA ✓ Pass

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

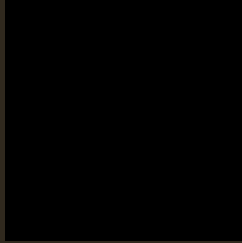
Any Text WCAG AA × Fail

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 30291E Background



This preview shows how black text looks on a background with the Hex color 30291E.

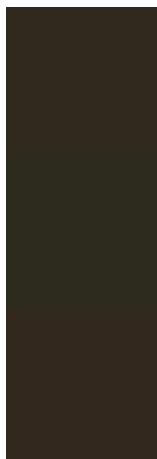


This preview shows how white text looks on a background with the Hex color 30291E.

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](#).

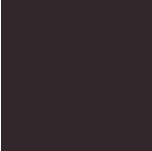
Dichromacy



Original Color
30291E

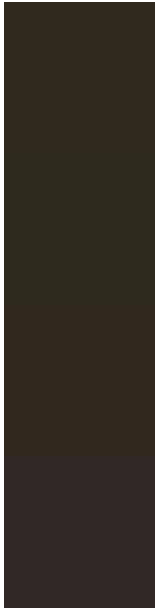
Protanopia
2D2A1E

Deuteranopia
32281E



Tritanopia
31272A

Trichromacy



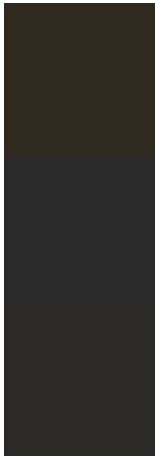
Original Color
30291E

Protanomaly
2E2A1E

Deuteranomaly
31281E

Tritanomaly
312826

Monochromacy



Original Color
30291E

Achromatopsia
2A2A2A

Achromatomaly
2C2A26

CSS Examples

Text

The CSS property to change the color of the text to Hex 30291E 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 #30291E looks like.

```
.text, #text, p{  
    color:#30291E  
}
```

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 #30291E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30291E
}
```

Border

The CSS property to change the border of an element to Hex 30291E is called "border". The border property can be set on classes, ids or directly on the HTML element.

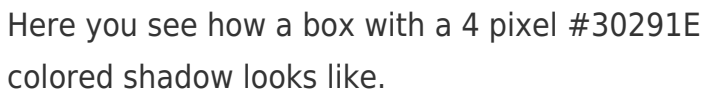
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#30291E }
```

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

```
.border{ border-color:#30291E }
```

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



Here you see how a box with a 4 pixel #30291E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30291E; -webkit-box-shadow:4px 4px  
4px 4px #30291E; box-shadow:4px 4px 4px  
4px #30291E }
```

Background

The CSS property to change the background color of an element to Hex 30291E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30291E }
```

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

```
.background{ background-color:#30291E }
```

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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