

Converting Colors

Hex(291F0E)

Have a look what the booklet for
Hex(291F0E) contains.

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Color

Hex(291F0E)

Conversions

Conversions Part 1

Format	Color
Hex	291F0E
RGB	41, 31, 14
RGB Percent	16%, 12%, 5%
CMY	0.8392, 0.8784, 0.9451
CMYK	0.00, 0.24, 0.66, 0.84
HSL	38°, 49%, 11%
HSV	38°, 66%, 16%
XYZ	1.4837, 1.4831, 0.6235
YIQ	32.0520, 11.4170, -3.1670

Conversions

Conversions Part 2

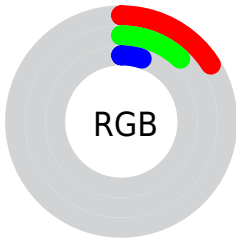
Format	Color
RYB	30, 41, 14
Decimal	2694926
CIELab	12.50, 2.11, 12.63
CIElCh	13, 12.809, 80.497
Yxy	1.4831, 0.4132, 0.4131
Android (android.graphics.Color)	4280885006 (0xFF291F0E)
YUV	32.0520, -8.8996, 7.8474
Hunter-Lab	12.1782, 0.4351, 5.4891

Details

The Hex color **291F0E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **0E1829**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **574B39**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **291D0A**, and if you desaturate by 10%, it is **292112**.

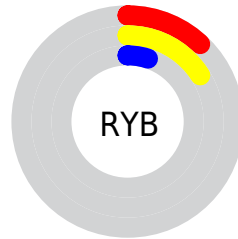
Distribution



Red (16%)

Green (12%)

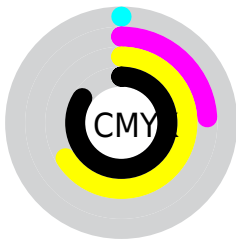
Blue (5%)



Red (12%)

Yellow (16%)

Blue (5%)

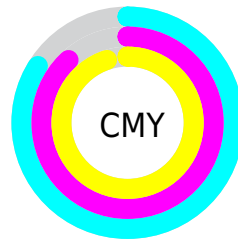


Cyan (0%)

Magenta (24%)

Yellow (66%)

Black (84%)



Cyan (84%)

Magenta (88%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 291F0E 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 291F0E by changing the saturation by 10% instead.

 291F0E

 291F0E

 FFFFEE

 120700

 574B39

 000000

 706250

 897B68

 A49581

 BFB09B

 DBCBB6

 F8E7D1

 291F0E

 291F0E

■ 291D0A

■ 292112

■ 291C06

■ 292216

■ 291A02

■ 29241A

■ 291A00

■ 29251E

■ 292723

■ 292827

■ 292A2B

■ 292B2F

■ 292D33

Harmonies

Analogous

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



2F1C13



291F0E



20220F

Triad

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



291F0E



012526



291C2C

Complementary

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



291F0E



0E1829

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.



1D1F31



291F0E



01242E

Square

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



291F0E



0A251D



0E2232



301A24

Rectangle

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



291F0E



1A2313



0E2232



261D2E

Sweetspot

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



291F0E



36322B



290E18



1C1A15



9C9C9C



1C1C1C

Same Dimension

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



291F0E



36260B



26290E



141412



543500



D48500

Inverse Universe

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



0E1829



0B1B36



110E29



121314



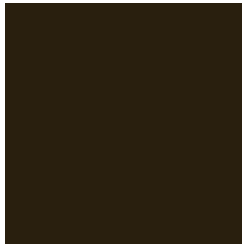
001F54



004ED4

Previews

White Background



This preview shows how the Hex color 291F0E looks on a white background.

Color Contrast Check

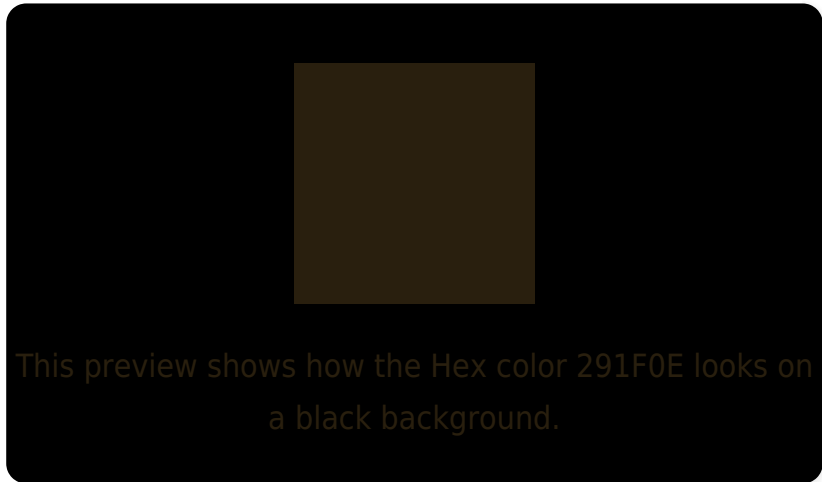
Large Text (above 18pt) WCAG AA ✓ Pass

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

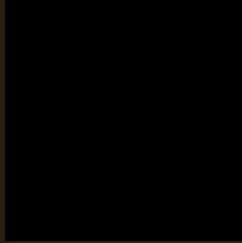
Any Text WCAG AA × Fail

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 291F0E Background



This preview shows how black text looks on a background with the Hex color 291F0E.

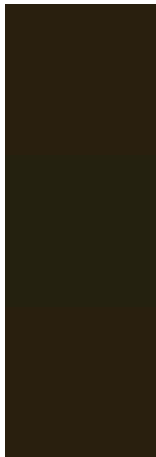


This preview shows how white text looks on a background with the Hex color 291F0E.

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
291F0E

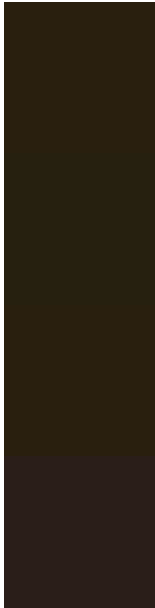
Protanopia
24210F

Deuteranopia
291F0E



Tritanopia
2A1D1F

Trichromacy



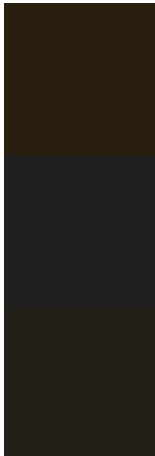
Original Color
291F0E

Protanomaly
26200F

Deuteranomaly
291F0E

Tritanomaly
2A1E19

Monochromacy



Original Color
291F0E

Achromatopsia
202020

Achromatomaly
232019

CSS Examples

Text

The CSS property to change the color of the text to Hex 291F0E 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 #291F0E looks like.

```
.text, #text, p{  
    color:#291F0E  
}
```

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 #291F0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #291F0E
}
```

Border

The CSS property to change the border of an element to Hex 291F0E is called "border". The border property can be set on classes, ids or directly on the HTML element.

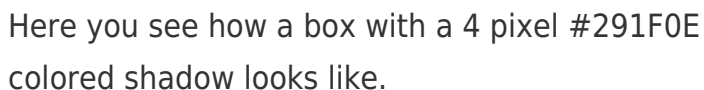
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#291F0E }
```

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

```
.border{ border-color:#291F0E }
```

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



Here you see how a box with a 4 pixel #291F0E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #291F0E; -webkit-box-shadow:4px 4px  
4px 4px #291F0E; box-shadow:4px 4px 4px  
4px #291F0E }
```

Background

The CSS property to change the background color of an element to Hex 291F0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#291F0E }
```

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

```
.background{ background-color:#291F0E }
```

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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