

Converting Colors

Hex(291E07)

Have a look what the booklet for
Hex(291E07) contains.

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Color

Hex(291E07)

Conversions

Conversions Part 1

Format	Color
Hex	291E07
RGB	41, 30, 7
RGB Percent	16%, 12%, 3%
CMY	0.8392, 0.8824, 0.9725
CMYK	0.00, 0.27, 0.83, 0.84
HSL	41°, 71%, 9%
HSV	41°, 83%, 16%
XYZ	1.4171, 1.4153, 0.3995
YIQ	30.6670, 13.9390, -4.8210

Conversions

Conversions Part 2

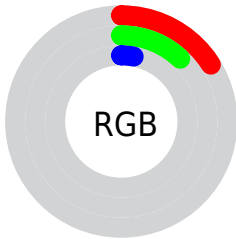
Format	Color
RYB	23, 41, 7
Decimal	2694663
CIELab	12.06, 2.12, 15.08
CIElCh	12, 15.225, 82.009
Yxy	1.4153, 0.4385, 0.4379
Android (android.graphics.Color)	4280884743 (0xFF291E07)
YUV	30.6670, -11.6678, 9.0620
Hunter-Lab	11.8967, 0.4430, 6.3366

Details

The Hex color **291E07** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **071229**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **574A34**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **291D03**, and if you desaturate by 10%, it is **291F0B**.

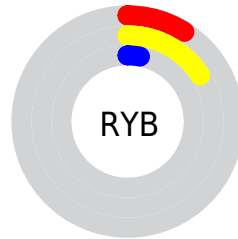
Distribution



Red (16%)

Green (12%)

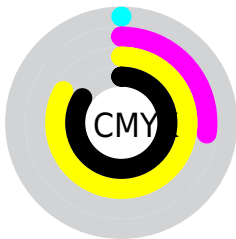
Blue (3%)



Red (9%)

Yellow (16%)

Blue (3%)

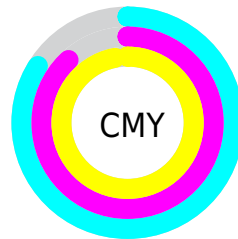


Cyan (0%)

Magenta (27%)

Yellow (83%)

Black (84%)



Cyan (84%)

Magenta (88%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 291E07 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 291E07 by changing the saturation by 10% instead.

■ 291E07

■ 291E07

■ FFFFE8

■ 100600

■ 574A34

■ 000000

■ 70614B

■ 8A7A63

■ A4947C

■ C0AE95

■ DCCAB0

■ F8E6CC

■ 291E07

■ 291E07

■ 291D03

■ 291F0B

■ 291C00

■ 29210F

■ 292213

■ 292317

■ 29251B

■ 292620

■ 292724

■ 292928

■ 292A2C

Harmonies

Analogous

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



301A0E



291E07



1F2109

Triad

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



291E07



002527



2A1A2D

Complementary

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



291E07



071229

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.



1C1E33



291E07



002430

Square

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



291E07



03251C



072234



321723

Rectangle

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



291E07



17230F



072234



261B2F

Sweetspot

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



291E07



363128



290712



1C1914



9C9C9C



1C1C1C

Same Dimension

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



291E07



362400



232907



141412



543900



D48F00

Inverse Universe

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



071229



001136



0D0729



121314



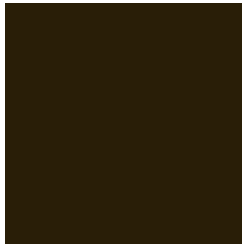
001B54



0044D4

Previews

White Background



This preview shows how the Hex color 291E07 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

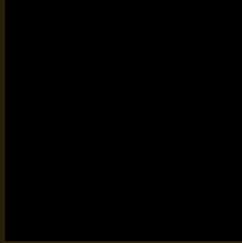
Any Text WCAG AA × Fail

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 291E07 Background



This preview shows how black text looks on a background with the Hex color 291E07.

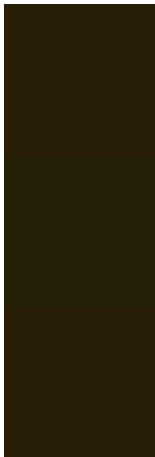


This preview shows how white text looks on a background with the Hex color 291E07.

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
291E07

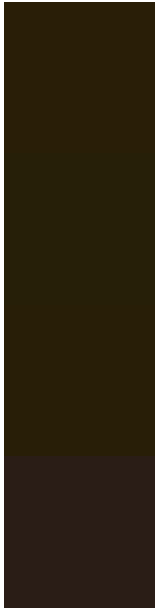
Protanopia
242008

Deuteranopia
281E07



Tritanopia
2A1C1E

Trichromacy



Original Color
291E07

Protanomaly
261F08

Deuteranomaly
281E07

Tritanomaly
2A1D16

Monochromacy



Original Color
291E07

Achromatopsia
1F1F1F

Achromatomaly
231F16

CSS Examples

Text

The CSS property to change the color of the text to Hex 291E07 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 #291E07 looks like.

```
.text, #text, p{  
    color:#291E07  
}
```

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 #291E07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #291E07  
}
```

Border

The CSS property to change the border of an element to Hex 291E07 is called "border". The border property can be set on classes, ids or directly on the HTML element.

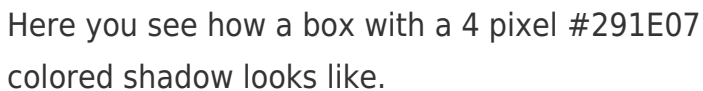
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#291E07 }
```

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

```
.border{ border-color:#291E07 }
```

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



Here you see how a box with a 4 pixel #291E07 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #291E07; -webkit-box-shadow:4px 4px  
4px 4px #291E07; box-shadow:4px 4px 4px  
4px #291E07 }
```

Background

The CSS property to change the background color of an element to Hex 291E07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#291E07 }
```

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

```
.background{ background-color:#291E07 }
```

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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