

Converting Colors

Hex(291E00)

Have a look what the booklet for
Hex(291E00) contains.

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Color

Hex(291E00)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 291E00 |
| RGB | 41, 30, 0 |
| RGB Percent | 16%, 12%, 0% |
| CMY | 0.8392, 0.8824, 1.0000 |
| CMYK | 0.00, 0.27, 1.00, 0.84 |
| HSL | 44°, 100%, 8% |
| HSV | 44°, 100%, 16% |
| XYZ | 1.3787, 1.4000, 0.1976 |
| YIQ | 29.8690, 16.1860, -6.9980 |

Conversions

Conversions Part 2

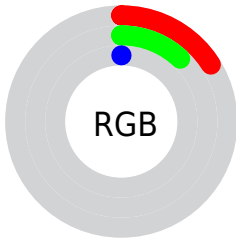
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 15, 41, 0 |
| Decimal | 2694656 |
| CIELab | 11.96, 1.43, 17.79 |
| CIElCh | 12, 17.848, 85.389 |
| Yxy | 1.4000, 0.4632, 0.4704 |
| Android (android.graphics.Color) | 4280884736 (0xFF291E00) |
| YUV | 29.8690, -14.7254, 9.7619 |
| Hunter-Lab | 11.8320, 0.0937, 7.2925 |

Details

The Hex color **291E00** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **000B29**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **574A2F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **291E00**, and if you desaturate by 10%, it is **291F04**.

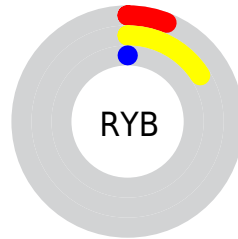
Distribution



Red (16%)

Green (12%)

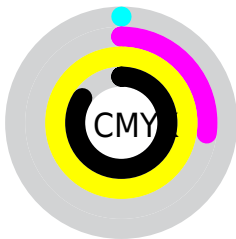
Blue (0%)



Red (6%)

Yellow (16%)

Blue (0%)

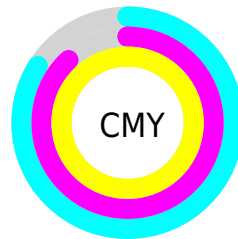


Cyan (0%)

Magenta (27%)

Yellow (100%)

Black (84%)



Cyan (84%)

Magenta (88%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 291E00 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 291E00 by changing the saturation by 10% instead.

 291E00

 291E00

 FFFFE2

 0E0600

 574A2F

 000000

 706146

 8A7A5E

 A49476

 C0AE90

 DCCAAB

 F9E6C6

 291E00

■ 291F04

■ 292008

■ 29210C

■ 292210

■ 292314

■ 292519

■ 29261D

■ 292721

■ 292825

Harmonies

Analogous

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



321908



291E00



1D2204

Triad

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



291E00



00252A



2D182D

Complementary

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



291E00



000B29

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.



1D1D36



291E00



002433

Square

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



291E00



00251D



022138



351522

Rectangle

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



291E00



13240C



022138



281A31

Sweetspot

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



291E00



363125



29000C



1C1912



9C9C9C



1C1C1C

Same Dimension

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



291E00



362700



202900



141412



543E00



D49B00

Inverse Universe

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



000B29



000E36



090029



121314



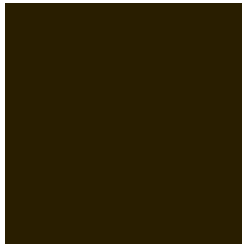
001754



0039D4

Previews

White Background



This preview shows how the Hex color 291E00 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

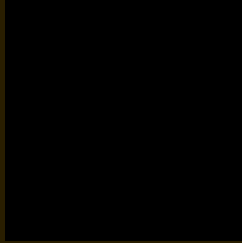
Any Text WCAG AA × Fail

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 291E00 Background



This preview shows how black text looks on a background with the Hex color 291E00.

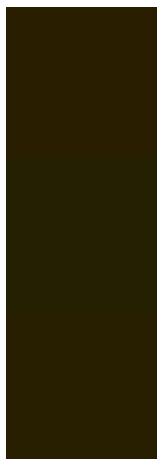


This preview shows how white text looks on a background with the Hex color 291E00.

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
291E00

Protanopia
242002

Deuteranopia
281E00



Tritanopia
2A1C1E

Trichromacy



Original Color

291E00

Protanomaly

261F01

Deuteranomaly

281E00

Tritanomaly

2A1D13

Monochromacy



Original Color

291E00

Achromatopsia

1E1E1E

Achromatomaly

221E13

CSS Examples

Text

The CSS property to change the color of the text to Hex 291E00 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 #291E00 looks like.

```
.text, #text, p{  
    color:#291E00  
}
```

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 #291E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #291E00  
}
```

Border

The CSS property to change the border of an element to Hex 291E00 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  
#291E00 }
```

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

```
.border{ border-color:#291E00 }
```

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

Here you see how a box with a 4 pixel #291E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #291E00; -webkit-box-shadow:4px 4px  
4px 4px #291E00; box-shadow:4px 4px 4px  
4px #291E00 }
```

Background

The CSS property to change the background color of an element to Hex 291E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#291E00 }
```

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

```
.background{ background-color:#291E00 }
```

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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