

Converting Colors

Hex(291903)

Have a look what the booklet for
Hex(291903) contains.

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Color

Hex(291903)

Conversions

Conversions Part 1

Format	Color
Hex	291903
RGB	41, 25, 3
RGB Percent	16%, 10%, 1%
CMY	0.8392, 0.9020, 0.9882
CMYK	0.00, 0.39, 0.93, 0.84
HSL	35°, 86%, 9%
HSV	35°, 93%, 16%
XYZ	1.2785, 1.1733, 0.2452
YIQ	27.2760, 16.5980, -3.4500

Conversions

Conversions Part 2

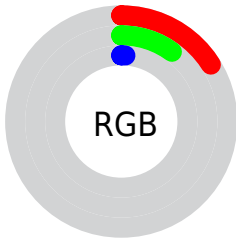
Format	Color
RYB	31, 41, 3
Decimal	2693379
CIELab	10.36, 5.30, 14.35
CIELCh	10, 15.299, 69.740
Yxy	1.1733, 0.4741, 0.4350
Android (android.graphics.Color)	4280883459 (0xFF291903)
YUV	27.2760, -11.9681, 12.0359
Hunter-Lab	10.8317, 2.1138, 6.2399

Details

The Hex color **291903** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **031329**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **574431**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **291800**, and if you desaturate by 10%, it is **291B07**.

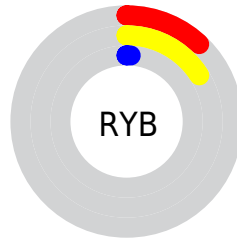
Distribution



Red (16%)

Green (10%)

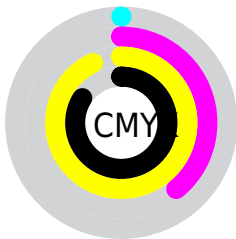
Blue (1%)



Red (12%)

Yellow (16%)

Blue (1%)

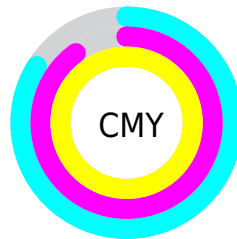


Cyan (0%)

Magenta (39%)

Yellow (93%)

Black (84%)



Cyan (84%)

Magenta (90%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 291903 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 291903 by changing the saturation by 10% instead.

 291903

 291903

 FFFCE4

 0F0000

 574431

 000000

 705B48

 8A7460

 A48E79

 C0A892

 DCC3AD

 F9DFC8

 291903

 291903

■ 291800

■ 291B07

■ 291C0B

■ 291E0F

■ 292013

■ 292217

■ 29231C

■ 292520

■ 292724

■ 292928

Harmonies

Analogous

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



2E150E



291903



201D01

Triad

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



291903



00221F



21182C

Complementary

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



291903



031329

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.



111C31



291903



002129

Square

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



291903



052115



001F2F



2C1524

Rectangle

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



291903



191F05



001F2F



1D1A2E

Sweetspot

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



291903



362F27



290313



1C1813



9C9C9C



1C1C1C

Same Dimension

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



291903



361F00



262903



141412



543100



D47B00

Inverse Universe

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



031329



001736



060329



121314



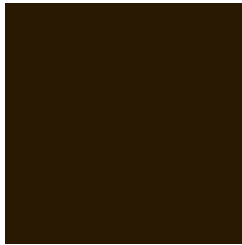
002354



0059D4

Previews

White Background



This preview shows how the Hex color 291903 looks on a white background.

Color Contrast Check

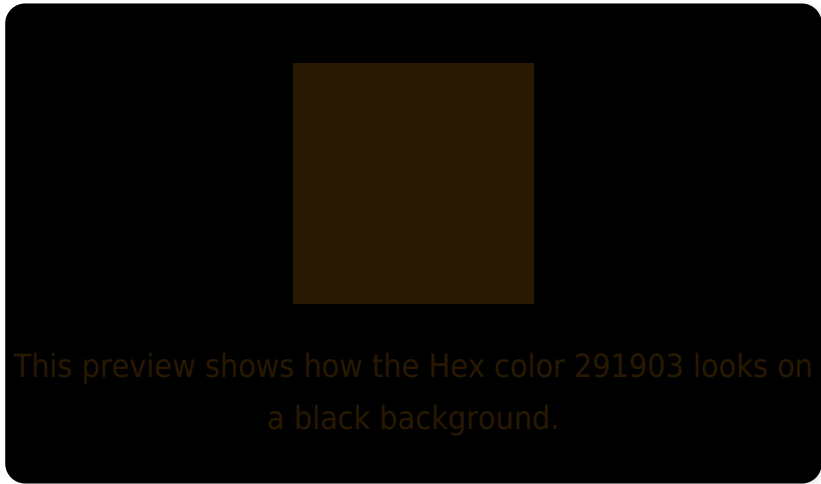
Large Text (above 18pt) WCAG AA ✓ Pass

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

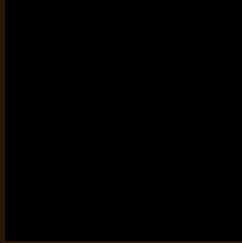
Any Text WCAG AA × Fail

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 291903 Background



This preview shows how black text looks on a background with the Hex color 291903.

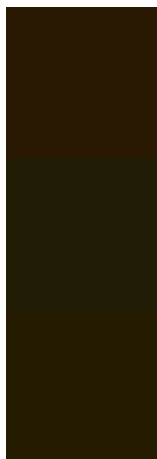


This preview shows how white text looks on a background with the Hex color 291903.

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](#).

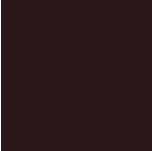
Dichromacy



Original Color
291903

Protanopia
201D04

Deuteranopia
241B00



Tritanopia
2A1719

Trichromacy



Original Color
291903

Protanomaly
231C04

Deuteranomaly
261A01

Tritanomaly
2A1811

Monochromacy



Original Color
291903

Achromatopsia
1B1B1B

Achromatomaly
201A12

CSS Examples

Text

The CSS property to change the color of the text to Hex 291903 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 #291903 looks like.

```
.text, #text, p{  
    color:#291903  
}
```

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 #291903 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #291903
}
```

Border

The CSS property to change the border of an element to Hex 291903 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".

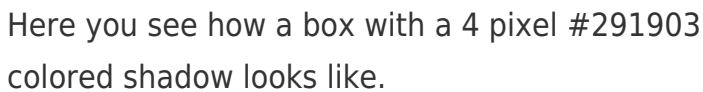
```
.border, #border, table{ border:4px solid
#291903 }
```

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

```
.border{ border-color:#291903 }
```

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

Here you see how a box with a 4 pixel #291903 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #291903; -webkit-box-shadow:4px 4px  
4px 4px #291903; box-shadow:4px 4px 4px  
4px #291903 }
```

Background

The CSS property to change the background color of an element to Hex 291903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#291903 }
```

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

```
.background{ background-color:#291903 }
```

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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