

Converting Colors

Hex(291906)

Have a look what the booklet for
Hex(291906) contains.

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Color

Hex(291906)

Conversions

Conversions Part 1

Format	Color
Hex	291906
RGB	41, 25, 6
RGB Percent	16%, 10%, 2%
CMY	0.8392, 0.9020, 0.9765
CMYK	0.00, 0.39, 0.85, 0.84
HSL	33°, 74%, 9%
HSV	33°, 85%, 16%
XYZ	1.2950, 1.1798, 0.3318
YIQ	27.6180, 15.6350, -2.5170

Conversions

Conversions Part 2

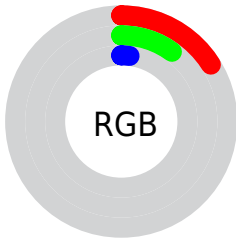
Format	Color
RYB	35, 41, 6
Decimal	2693382
CIELab	10.41, 5.59, 13.20
CIELCh	10, 14.335, 67.035
Yxy	1.1798, 0.4614, 0.4204
Android (android.graphics.Color)	4280883462 (0xFF291906)
YUV	27.6180, -10.6577, 11.7360
Hunter-Lab	10.8620, 2.2721, 5.7924

Details

The Hex color **291906** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **061629**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **574433**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **291702**, and if you desaturate by 10%, it is **291B0A**.

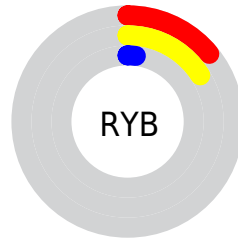
Distribution



Red (16%)

Green (10%)

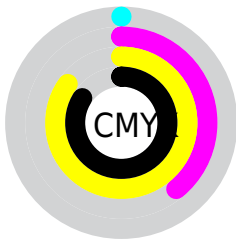
Blue (2%)



Red (14%)

Yellow (16%)

Blue (2%)

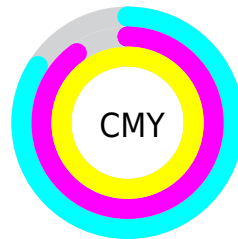


Cyan (0%)

Magenta (39%)

Yellow (85%)

Black (84%)



Cyan (84%)

Magenta (90%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 291906 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 291906 by changing the saturation by 10% instead.

■ 291906

■ 291906

■ FFFCE7

■ 100000

■ 574433

■ 000000

■ 705B4A

■ 8A7462

■ A48E7B

■ C0A895

■ DCC3AF

■ F9DFCB

■ 291906

■ 291906

■ 291702

■ 291B0A

■ 291600

■ 291D0E

■ 291F12

■ 292016

■ 29221B

■ 29241F

■ 292623

■ 292827

■ 292A2B

Harmonies

Analogous

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



2E1610



291906



211C03

Triad

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



291906



00211E



20192C

Complementary

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



291906



061629

Split Complementary

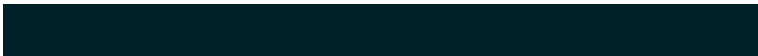
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



111D2F



291906



002128

Square

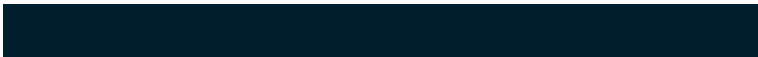
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



291906



092114



001F2E



2A1624

Rectangle

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



291906



1A1E06



001F2E



1C1A2E

Sweetspot

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



291906



362F28



290616



1C1813



9C9C9C



1C1C1C

Same Dimension

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



291906



361D00



282906



141312



542E00



D47300

Inverse Universe

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



061629



001836



070629



121314



002654



0061D4

Previews

White Background



This preview shows how the Hex color 291906 looks on a white background.

Color Contrast Check

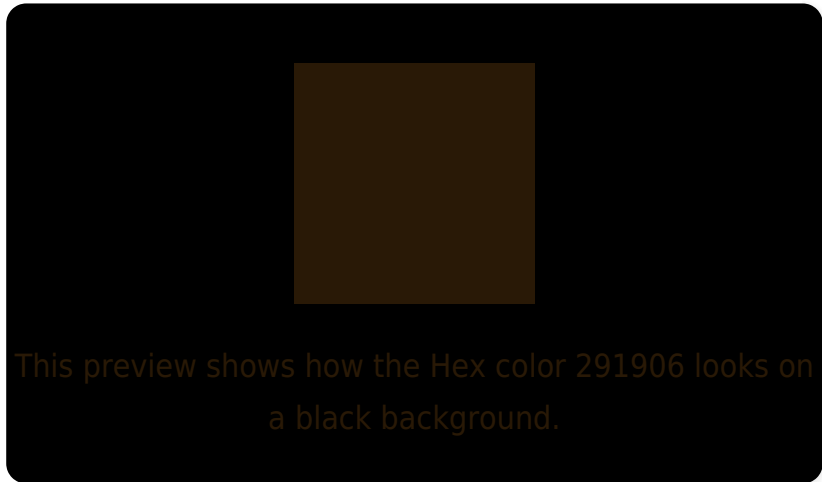
Large Text (above 18pt) WCAG AA ✓ Pass

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

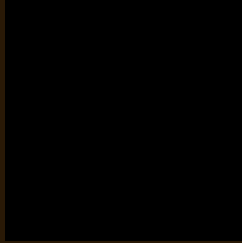
Any Text WCAG AA × Fail

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 291906 Background



This preview shows how black text looks on a background with the Hex color 291906.

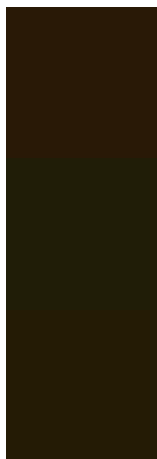


This preview shows how white text looks on a background with the Hex color 291906.

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](#).

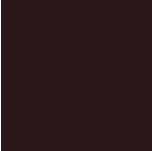
Dichromacy



Original Color
291906

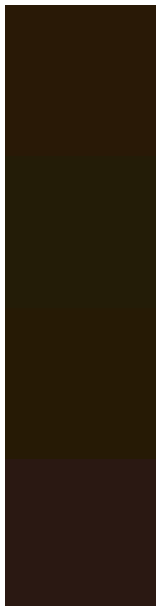
Protanopia
201D07

Deuteranopia
241B05



Tritanopia
2A1719

Trichromacy



Original Color

291906

Protanomaly

231C07

Deuteranomaly

261A05

Tritanomaly

2A1812

Monochromacy



Original Color

291906

Achromatopsia

1C1C1C

Achromatomaly

211B14

CSS Examples

Text

The CSS property to change the color of the text to Hex 291906 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 #291906 looks like.

```
.text, #text, p{  
    color:#291906  
}
```

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 #291906 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #291906
}
```

Border

The CSS property to change the border of an element to Hex 291906 is called "border". The border property can be set on classes, ids or directly on the HTML element.

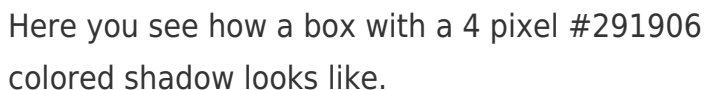
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#291906 }
```

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

```
.border{ border-color:#291906 }
```

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



Here you see how a box with a 4 pixel #291906 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #291906; -webkit-box-shadow:4px 4px  
4px 4px #291906; box-shadow:4px 4px 4px  
4px #291906 }
```

Background

The CSS property to change the background color of an element to Hex 291906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#291906 }
```

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

```
.background{ background-color:#291906 }
```

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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