

Converting Colors

Hex(291415)

Have a look what the booklet for
Hex(291415) contains.

Hex(291415)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(291415)

Conversions

Conversions Part 1

Format	Color
Hex	291415
RGB	41, 20, 21
RGB Percent	16%, 8%, 8%
CMY	0.8392, 0.9216, 0.9176
CMYK	0.00, 0.51, 0.49, 0.84
HSL	357°, 34%, 12%
HSV	357°, 51%, 16%
XYZ	1.3000, 1.0259, 0.8390
YIQ	26.3930, 12.1950, 4.7630

Conversions

Conversions Part 2

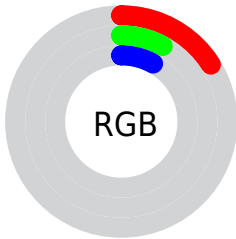
Format	Color
RYB	41, 20, 21
Decimal	2692117
CIELab	9.21, 10.93, 3.87
CIELCh	9, 11.596, 19.501
Yxy	1.0259, 0.4108, 0.3242
Android (android.graphics.Color)	4280882197 (0xFF291415)
YUV	26.3930, -2.6587, 12.8103
Hunter-Lab	10.1285, 5.1850, 2.1789

Details

The Hex color **291415** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **142928**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **573F3F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **291011**, and if you desaturate by 10%, it is **291819**.

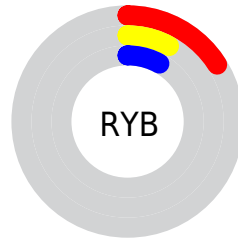
Distribution



Red (16%)

Green (8%)

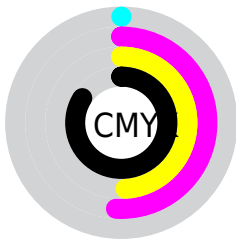
Blue (8%)



Red (16%)

Yellow (8%)

Blue (8%)

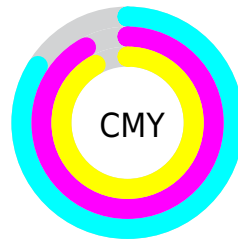


Cyan (0%)

Magenta (51%)

Yellow (49%)

Black (84%)



Cyan (84%)

Magenta (92%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 291415 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 291415 by changing the saturation by 10% instead.

■ 291415

■ 291415

■ FFF5F6

■ 120000

■ 573F3F

■ 000000

■ 705656

■ 8A6E6F

■ A48888

■ C0A2A2

■ DCBDBD

■ F8D9D9

■ 291415

■ 291415

■ 291011

■ 291819

■ 290C0D

■ 291C1D

■ 290809

■ 292021

■ 290405

■ 292425

■ 290002

■ 292929

■ 292D2C

■ 293130

■ 293534

■ 293938

Harmonies

Analogous

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



27141D



291415



27160C

Triad

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



291415



111D0E



091B29

Complementary

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



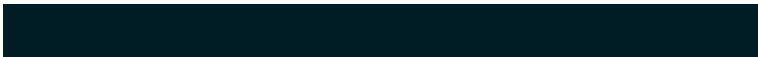
291415



142928

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.



001D25



291415



061E17

Square

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



291415



1B1B07



001E1F



171928

Rectangle

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



291415



241707



001E1F



051C28

Sweetspot

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



291415



362E2E



281429



1C1717



9C9C9C



1C1C1C

Same Dimension

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



291415



361516



291D14



141212



540004



D4000A

Inverse Universe

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



291415



361516



142029



141212



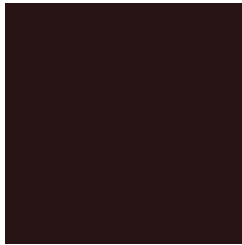
540004



D4000A

Previews

White Background



This preview shows how the Hex color 291415 looks on a white background.

Color Contrast Check

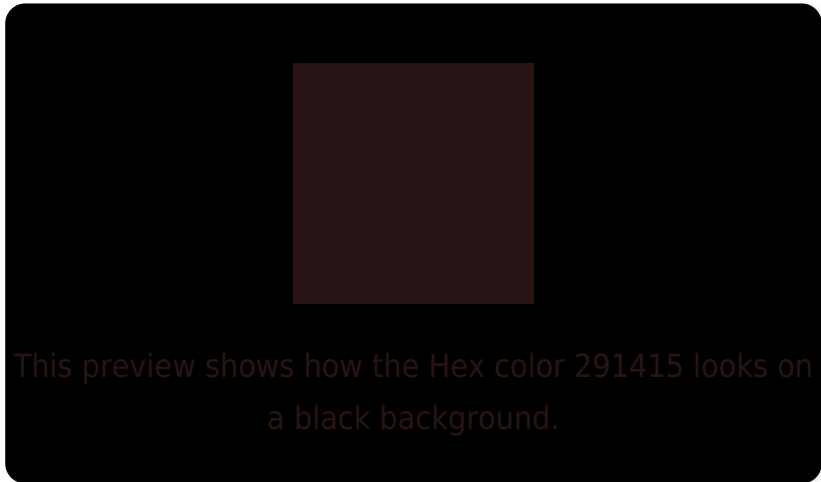
Large Text (above 18pt) WCAG AA ✓ Pass

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 291415 Background



This preview shows how black text looks on a background with the Hex color 291415.

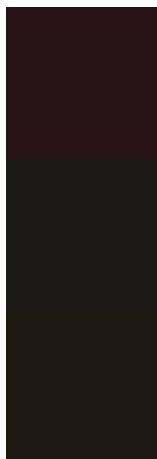


This preview shows how white text looks on a background with the Hex color 291415.

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](#).

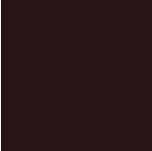
Dichromacy



Original Color
291415

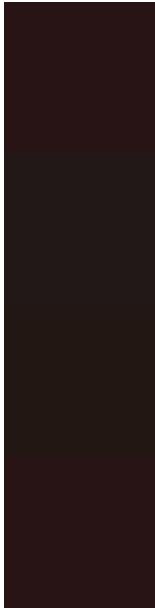
Protanopia
1C1A18

Deuteranopia
1F1914



Tritanopia
291415

Trichromacy



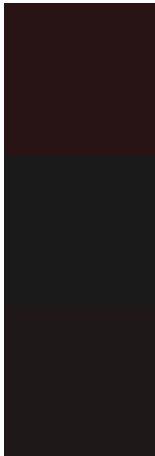
Original Color
291415

Protanomaly
211817

Deuteranomaly
231714

Tritanomaly
291415

Monochromacy



Original Color
291415

Achromatopsia
1A1A1A

Achromatomaly
1F1818

CSS Examples

Text

The CSS property to change the color of the text to Hex 291415 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 #291415 looks like.

```
.text, #text, p{  
    color:#291415  
}
```

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 #291415 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #291415
}
```

Border

The CSS property to change the border of an element to Hex 291415 is called "border". The border property can be set on classes, ids or directly on the HTML element.

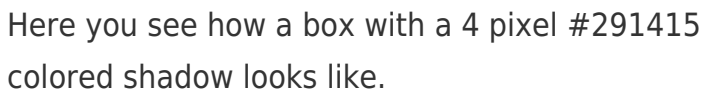
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#291415 }
```

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

```
.border{ border-color:#291415 }
```

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



Here you see how a box with a 4 pixel #291415 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #291415; -webkit-box-shadow:4px 4px  
4px 4px #291415; box-shadow:4px 4px 4px  
4px #291415 }
```

Background

The CSS property to change the background color of an element to Hex 291415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#291415 }
```

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

```
.background{ background-color:#291415 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor