

Converting Colors

Hex(291D28)

Have a look what the booklet for
Hex(291D28) contains.

Hex(291D28)	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(291D28)

Conversions

Conversions Part 1

Format	Color
Hex	291D28
RGB	41, 29, 40
RGB Percent	16%, 11%, 16%
CMY	0.8392, 0.8863, 0.8431
CMYK	0.00, 0.29, 0.02, 0.84
HSL	305°, 17%, 14%
HSV	305°, 29%, 16%
XYZ	1.7368, 1.5033, 2.2061
YIQ	33.8420, 3.6210, 5.9650

Conversions

Conversions Part 2

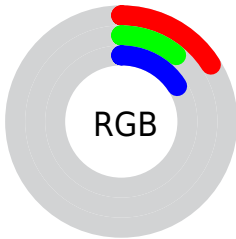
Format	Color
R_{YB}	41, 29, 40
Decimal	2694440
CIE _{Lab}	12.63, 8.29, -5.16
CIE _{LCh}	13, 9.770, 328.100
Yxy	1.5033, 0.3189, 0.2760
Android (android.graphics.Color)	4280884520 (0xFF291D28)
YUV	33.8420, 3.0359, 6.2776
Hunter-Lab	12.2611, 3.8281, -2.0852

Details

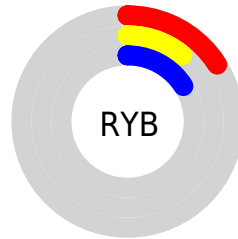
The Hex color **291D28** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1D291E**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **564955**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **291928**, and if you desaturate by 10%, it is **292128**.

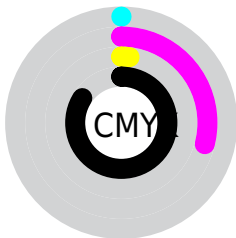
Distribution



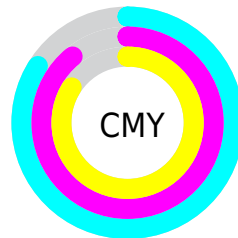
- Red (16%)
- Green (11%)
- Blue (16%)



- Red (16%)
- Yellow (11%)
- Blue (16%)



- Cyan (0%)
- Magenta (29%)
- Yellow (2%)
- Black (84%)



- Cyan (84%)
- Magenta (89%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 291D28 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 291D28 by changing the saturation by 10% instead.

■ 291D28

■ 291D28

FFFFFF

■ 150414

■ 564955

■ 000000

■ 6F606D

■ 887987

■ A293A1

■ BEAEBC

■ D9C9D7

■ F6E5F4

■ 291D28

■ 291D28

■ 291928

■ 292128

■ 291527

■ 292529

■ 291127

■ 292929

■ 290D27

■ 292D29

■ 290826

■ 29312A

■ 290426

■ 29362A

■ 290026

■ 293A2A

■ 293E2B

■ 29422B

Harmonies

Analogous

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



211F2D



291D28



2D1C21

Triad

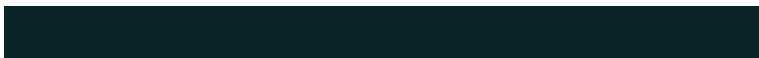
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



291D28



262013



0B2427

Complementary

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



291D28



1D291E

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.



102420



291D28



1F2215

Square

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



291D28



2B1E16



172419



0F232C

Rectangle

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



291D28



2E1C1D



172419



0C2425

Sweetspot

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



291D28



363135



1E1D29



1C191C



9C9C9C



1C1C1C

Same Dimension

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



291D28



362334



291D22



141214



54004D



D400C2

Inverse Universe

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



291D28



362334



1D2924



141214



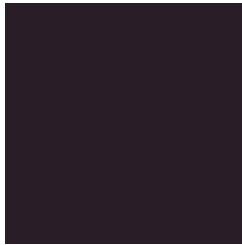
54004D



D400C2

Previews

White Background



This preview shows how the Hex color 291D28 looks on a white background.

Color Contrast Check

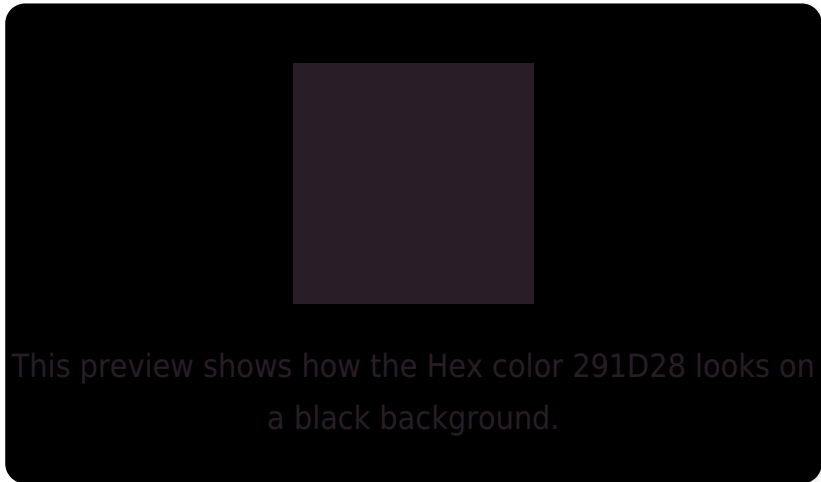
Large Text (above 18pt) WCAG AA ✓ Pass

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

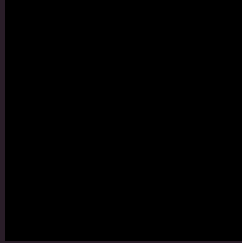
Any Text WCAG AA × Fail

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 291D28 Background



This preview shows how black text looks on a background with the Hex color 291D28.

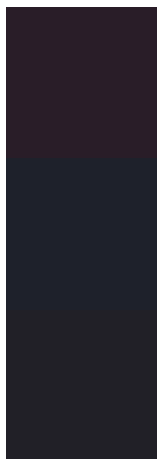


This preview shows how white text looks on a background with the Hex color 291D28.

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
291D28

Protanopia
1E212B

Deuteranopia
212027



Tritanopia
281E21

Trichromacy



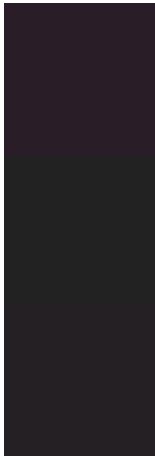
Original Color
291D28

Protanomaly
22202A

Deuteranomaly
241F27

Tritanomaly
281E24

Monochromacy



Original Color
291D28

Achromatopsia
222222

Achromatomaly
252024

CSS Examples

Text

The CSS property to change the color of the text to Hex 291D28 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 #291D28 looks like.

```
.text, #text, p{  
    color:#291D28  
}
```

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 #291D28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #291D28
}
```

Border

The CSS property to change the border of an element to Hex 291D28 is called "border". The border property can be set on classes, ids or directly on the HTML element.

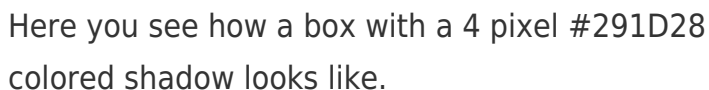
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#291D28 }
```

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

```
.border{ border-color:#291D28 }
```

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



Here you see how a box with a 4 pixel #291D28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #291D28; -webkit-box-shadow:4px 4px  
4px 4px #291D28; box-shadow:4px 4px 4px  
4px #291D28 }
```

Background

The CSS property to change the background color of an element to Hex 291D28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#291D28 }
```

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

```
.background{ background-color:#291D28 }
```

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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