

Converting Colors

Hex(2B291C)

Have a look what the booklet for
Hex(2B291C) contains.

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Color

Hex(2B291C)

Conversions

Conversions Part 1

Format	Color
Hex	2B291C
RGB	43, 41, 28
RGB Percent	17%, 16%, 11%
CMY	0.8314, 0.8392, 0.8902
CMYK	0.00, 0.05, 0.35, 0.83
HSL	52°, 21%, 14%
HSV	52°, 35%, 17%
XYZ	1.9988, 2.1833, 1.4147
YIQ	40.1160, 5.3650, -3.6190

Conversions

Conversions Part 2

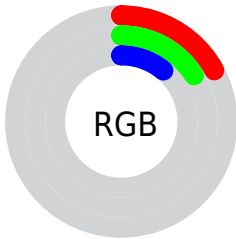
Format	Color
RYB	30, 43, 28
Decimal	2828572
CIELab	16.42, -1.74, 8.88
CIELCh	16, 9.049, 101.059
Yxy	2.1833, 0.3571, 0.3901
Android (android.graphics.Color)	4281018652 (0xFF2B291C)
YUV	40.1160, -5.9732, 2.5293
Hunter-Lab	14.7760, -1.7118, 4.6667

Details

The Hex color **2B291C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1C1E2B**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **595647**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2B2818**, and if you desaturate by 10%, it is **2B2A20**.

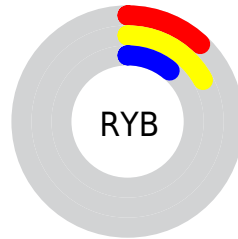
Distribution



Red (17%)

Green (16%)

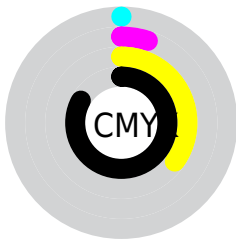
Blue (11%)



Red (12%)

Yellow (17%)

Blue (11%)

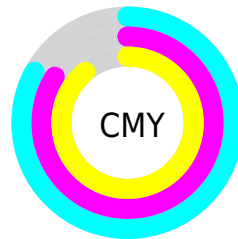


Cyan (0%)

Magenta (5%)

Yellow (35%)

Black (83%)



Cyan (83%)

Magenta (84%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B291C 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 2B291C by changing the saturation by 10% instead.

■ 2B291C

■ 2B291C

FFFFFF

■ 171502

■ 595647

■ 000000

■ 716E5F

■ 8B8878

■ A5A292

■ C0BDAC

■ DCD9C7

■ F9F5E4

■ 2B291C

■ 2B291C

■ 2B2818

■ 2B2A20

■ 2B2813

■ 2B2A25

■ 2B270F

■ 2B2B29

■ 2B270B

■ 2B2B2D

■ 2B2607

■ 2B2C31

■ 2B2602

■ 2B2C36

■ 2B2500

■ 2B2D3A

■ 2B2E3E

■ 2B2E43

Harmonies

Analogous

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



31271D



2B291C



242B1F

Triad

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



2B291C



162C31



33252D

Complementary

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



2B291C



1C1E2B

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.



2D2632



2B291C



1C2A35

Square

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



2B291C



172C2B



242835



362426

Rectangle

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



2B291C



1F2C22



242835



31252F

Sweetspot

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



2B291C



383732



2B1C1E



1C1C19



9C9C9C



1C1C1C

Same Dimension

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



2B291C



383521



262B1C



141412



544900



D4B700

Inverse Universe

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



1C1E2B



212438



211C2B



121314



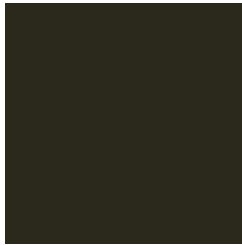
000B54



001CD4

Previews

White Background



This preview shows how the Hex color 2B291C looks on a white background.

Color Contrast Check

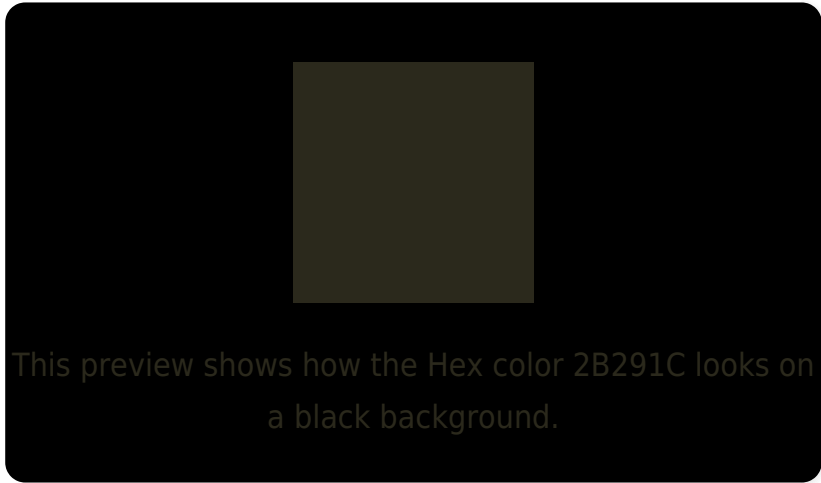
Large Text (above 18pt) WCAG AA ✓ Pass

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

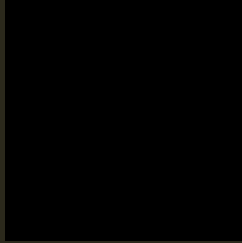
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

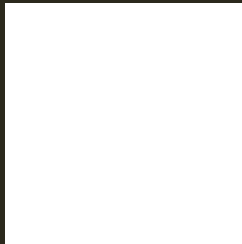
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2B291C Background



This preview shows how black text looks on a background with the Hex color 2B291C.

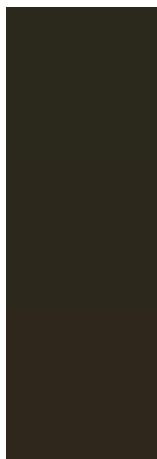


This preview shows how white text looks on a background with the Hex color 2B291C.

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](#).

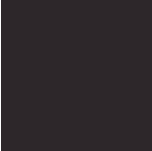
Dichromacy



Original Color
2B291C

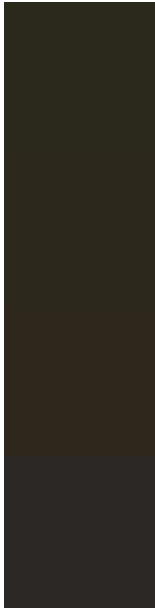
Protanopia
2C291C

Deuteranopia
30271C



Tritanopia
2D272A

Trichromacy



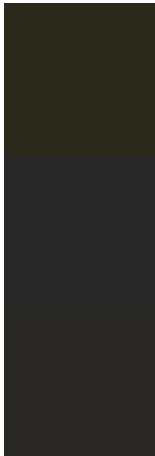
Original Color
2B291C

Protanomaly
2C291C

Deuteranomaly
2E281C

Tritanomaly
2C2825

Monochromacy



Original Color
2B291C

Achromatopsia
282828

Achromatomaly
292824

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B291C 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 #2B291C looks like.

```
.text, #text, p{  
    color:#2B291C  
}
```

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 #2B291C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B291C
}
```

Border

The CSS property to change the border of an element to Hex 2B291C is called "border". The border property can be set on classes, ids or directly on the HTML element.

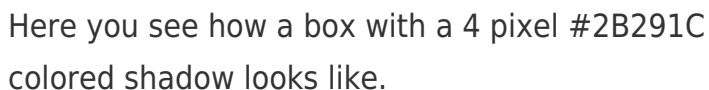
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B291C }
```

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

```
.border{ border-color:#2B291C }
```

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



Here you see how a box with a 4 pixel #2B291C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B291C; -webkit-box-shadow:4px 4px  
4px 4px #2B291C; box-shadow:4px 4px 4px  
4px #2B291C }
```

Background

The CSS property to change the background color of an element to Hex 2B291C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B291C }
```

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

```
.background{ background-color:#2B291C }
```

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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