

Converting Colors

Hex(2C371B)

Have a look what the booklet for
Hex(2C371B) contains.

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Color

Hex(2C371B)

Conversions

Conversions Part 1

Format	Color
Hex	2C371B
RGB	44, 55, 27
RGB Percent	17%, 22%, 11%
CMY	0.8275, 0.7843, 0.8941
CMYK	0.20, 0.00, 0.51, 0.78
HSL	84°, 34%, 16%
HSV	84°, 51%, 22%
XYZ	2.6027, 3.3470, 1.5458
YIQ	48.5190, 2.4320, -11.0400

Conversions

Conversions Part 2

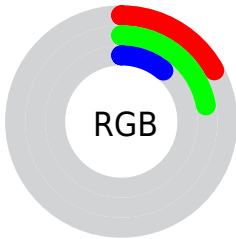
Format	Color
R_{YB}	27, 55, 38
Decimal	2897691
CIE _{Lab}	21.38, -10.43, 16.03
CIE _{LCh}	21, 19.120, 123.049
Yxy	3.3470, 0.3472, 0.4465
Android (android.graphics.Color)	4281087771 (0xFF2C371B)
YUV	48.5190, -10.6089, -3.9632
Hunter-Lab	18.2948, -6.6213, 7.7968

Details

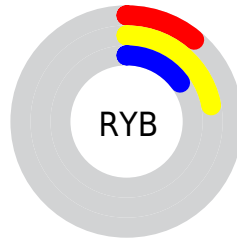
The Hex color **2C371B** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **261B37**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **5A6647**, and **000900** is the 20% darker color. If you saturate the color by 10%, you get **2A3715**, and if you desaturate by 10%, it is **2E3721**.

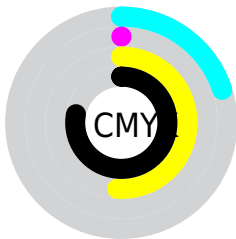
Distribution



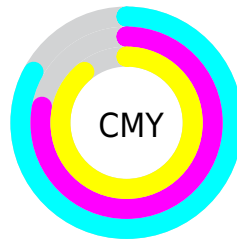
- Red (17%)
- Green (22%)
- Blue (11%)



- Red (11%)
- Yellow (22%)
- Blue (15%)



- Cyan (20%)
- Magenta (0%)
- Yellow (51%)
- Black (78%)



- Cyan (83%)
- Magenta (78%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C371B 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 2C371B by changing the saturation by 10% instead.



2C371B



2C371B

FFFFFF



182202



5A6647



000900



737F5F



000000



8D9978



A7B491



C3CFAC



DFEBC7



FBFFE3



2C371B



2C371B

■ 2A3715

■ 2E3721

■ 283710

■ 303726

■ 26370B

■ 32372C

■ 233705

■ 353731

■ 213700

■ 373737

■ 39373C

■ 3B3742

■ 3D3747

■ 3F374D

Harmonies

Analogous

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



3B3317



2C371B



1A3A26

Triad

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



2C371B



00384C



4E2832

Complementary

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



2C371B



261B37

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.



462A40



2C371B



1F344F

Square

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



2C371B



003A42



372F4B



4D2A25

Rectangle

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



2C371B



0A3A2F



372F4B



4C2837

Sweetspot

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



2C371B



43473D



37261B



21241D



A3A3A3



242424

Same Dimension

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



2C371B



36471C



1E371B



1B1C19



385C00



85DB00

Inverse Universe

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



261B37



2D1C47



341B37



1A191C



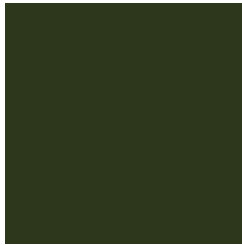
24005C



5600DB

Previews

White Background



This preview shows how the Hex color 2C371B looks on a white background.

Color Contrast Check

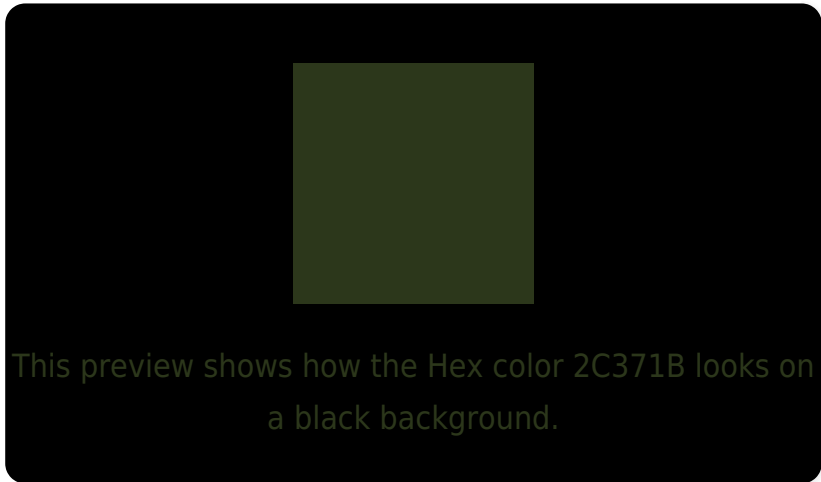
Large Text (above 18pt) WCAG AA ✓ Pass

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

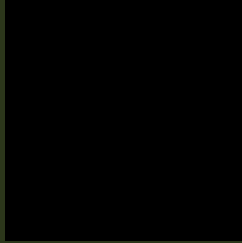
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

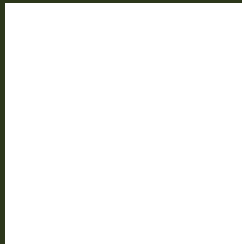
Any Text WCAG AAA × Fail

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

Hex 2C371B Background



This preview shows how black text looks on a background with the Hex color 2C371B.

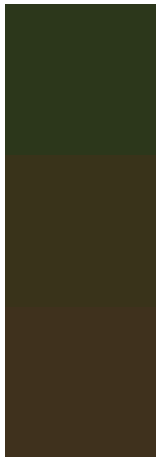


This preview shows how white text looks on a background with the Hex color 2C371B.

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](#).

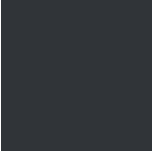
Dichromacy



Original Color
2C371B

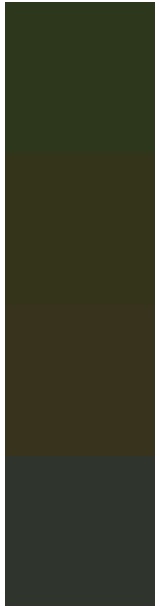
Protanopia
39331A

Deuteranopia
3F311D



Tritanopia
303438

Trichromacy



Original Color
2C371B

Protanomaly
34341A

Deuteranomaly
38331C

Tritanomaly
2F352D

Monochromacy



Original Color
2C371B

Achromatopsia
313131

Achromatomaly
2F3329

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C371B 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 #2C371B looks like.

```
.text, #text, p{  
    color:#2C371B  
}
```

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 #2C371B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C371B
}
```

Border

The CSS property to change the border of an element to Hex 2C371B 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".

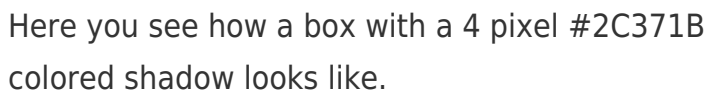
```
.border, #border, table{ border:4px solid
#2C371B }
```

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

```
.border{ border-color:#2C371B }
```

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

Here you see how a box with a 4 pixel #2C371B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C371B; -webkit-box-shadow:4px 4px  
4px 4px #2C371B; box-shadow:4px 4px 4px  
4px #2C371B }
```

Background

The CSS property to change the background color of an element to Hex 2C371B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C371B }
```

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

```
.background{ background-color:#2C371B }
```

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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