

Converting Colors

Hex(2B331A)

Have a look what the booklet for
Hex(2B331A) contains.

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Color

Hex(2B331A)

Conversions

Conversions Part 1

Format	Color
Hex	2B331A
RGB	43, 51, 26
RGB Percent	17%, 20%, 10%
CMY	0.8314, 0.8000, 0.8980
CMYK	0.16, 0.00, 0.49, 0.80
HSL	79°, 32%, 15%
HSV	79°, 49%, 20%
XYZ	2.3665, 2.9558, 1.4231
YIQ	45.7580, 3.2570, -9.4710

Conversions

Conversions Part 2

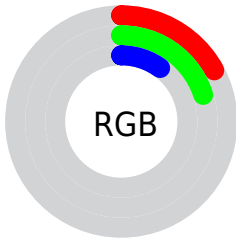
Format	Color
R_{YB}	26, 51, 34
Decimal	2831130
CIE Lab	19.87, -8.59, 14.73
CIE LCh	20, 17.051, 120.260
Yxy	2.9558, 0.3508, 0.4382
Android (android.graphics.Color)	4281021210 (0xFF2B331A)
YUV	45.7580, -9.7407, -2.4188
Hunter-Lab	17.1925, -5.5165, 7.1271

Details

The Hex color **2B331A** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **221A33**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **596146**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **293315**, and if you desaturate by 10%, it is **2D331F**.

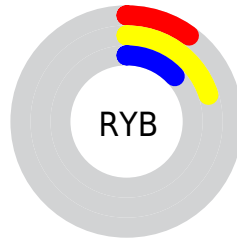
Distribution



Red (17%)

Green (20%)

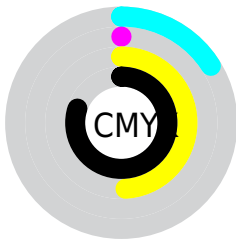
Blue (10%)



Red (10%)

Yellow (20%)

Blue (13%)

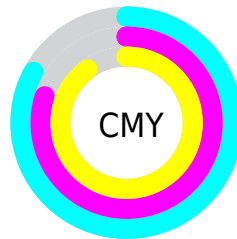


Cyan (16%)

Magenta (0%)

Yellow (49%)

Black (80%)



Cyan (83%)

Magenta (80%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B331A 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 2B331A by changing the saturation by 10% instead.



2B331A



2B331A

FFFFFFE



181E00



596146



000000



727A5D



8B9476



A6AF90



C1CAAA



DDE6C6



FAFFE2



2B331A



2B331A

■ 293315

■ 2D331F

■ 283310

■ 2E3324

■ 26330B

■ 303329

■ 243306

■ 32332E

■ 233300

■ 333334

■ 353339

■ 36333E

■ 383343

■ 3A3348

Harmonies

Analogous

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



382F17



2B331A



1C3523

Triad

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



2B331A



033545



472630

Complementary

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



2B331A



221A33

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.



40283D



2B331A



1D3149

Square

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



2B331A



00363C



312D46



482724

Rectangle

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



2B331A



10362B



312D46



452735

Sweetspot

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



2B331A



3F4238



33221A



1F211B



A1A1A1



212121

Same Dimension

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



2B331A



36421B



1F331A



191A17



3D5900



93D900

Inverse Universe

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



221A33



281B42



2E1A33



18171A



1D0059



4500D9

Previews

White Background



This preview shows how the Hex color 2B331A looks on a white background.

Color Contrast Check

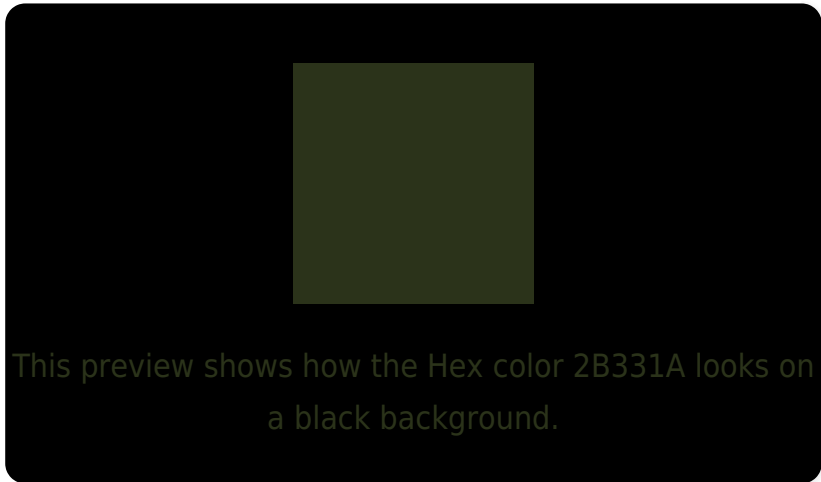
Large Text (above 18pt) WCAG AA ✓ Pass

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

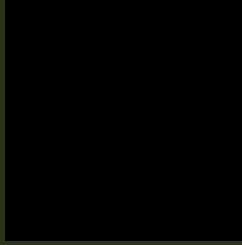
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

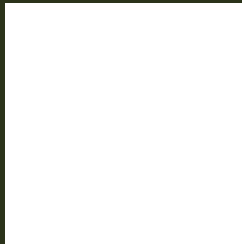
Any Text WCAG AAA × Fail

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

Hex 2B331A Background



This preview shows how black text looks on a background with the Hex color 2B331A.

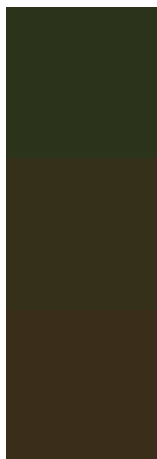


This preview shows how white text looks on a background with the Hex color 2B331A.

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](#).

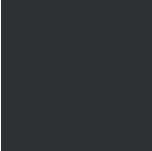
Dichromacy



Original Color
2B331A

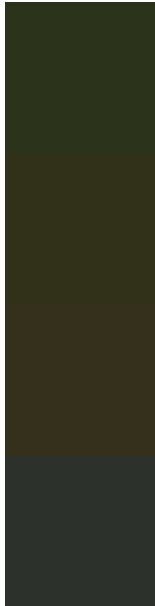
Protanopia
353019

Deuteranopia
3A2E1B



Tritanopia
2E3034

Trichromacy



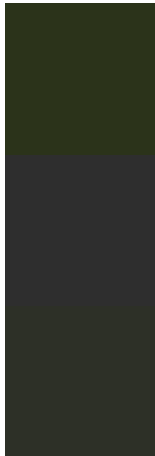
Original Color
2B331A

Protanomaly
313119

Deuteranomaly
35301B

Tritanomaly
2D312B

Monochromacy



Original Color
2B331A

Achromatopsia
2E2E2E

Achromatomaly
2D3027

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B331A 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 #2B331A looks like.

```
.text, #text, p{  
    color:#2B331A  
}
```

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 #2B331A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B331A
}
```

Border

The CSS property to change the border of an element to Hex 2B331A 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
#2B331A }
```

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

```
.border{ border-color:#2B331A }
```

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

Here you see how a box with a 4 pixel #2B331A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B331A; -webkit-box-shadow:4px 4px  
4px 4px #2B331A; box-shadow:4px 4px 4px  
4px #2B331A }
```

Background

The CSS property to change the background color of an element to Hex 2B331A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B331A }
```

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

```
.background{ background-color:#2B331A }
```

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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