

Converting Colors

Hex(2B231E)

Have a look what the booklet for
Hex(2B231E) contains.

Hex(2B231E)	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(2B231E)

Conversions

Conversions Part 1

Format	Color
Hex	2B231E
RGB	43, 35, 30
RGB Percent	17%, 14%, 12%
CMY	0.8314, 0.8627, 0.8824
CMYK	0.00, 0.19, 0.30, 0.83
HSL	23°, 18%, 14%
HSV	23°, 30%, 17%
XYZ	1.8316, 1.8094, 1.4810
YIQ	36.8220, 6.3730, 0.1410

Conversions

Conversions Part 2

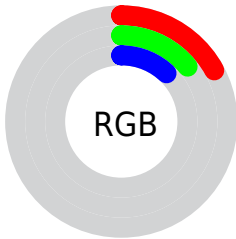
Format	Color
R_{YB}	43, 38, 30
Decimal	2827038
CIE Lab	14.45, 2.79, 4.76
CIE LCh	14, 5.519, 59.679
Yxy	1.8094, 0.3576, 0.3533
Android (android.graphics.Color)	4281017118 (0xFF2B231E)
YUV	36.8220, -3.3632, 5.4181
Hunter-Lab	13.4514, 0.7660, 2.8881

Details

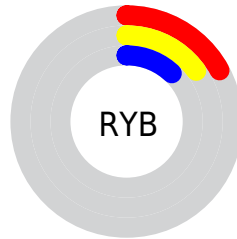
The Hex color **2B231E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1E262B**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **594F4A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2B201A**, and if you desaturate by 10%, it is **2B2622**.

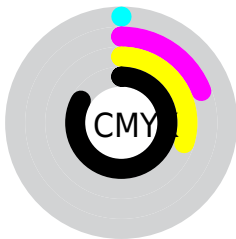
Distribution



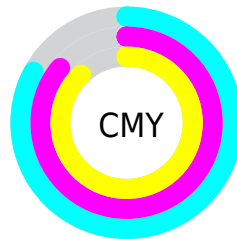
- Red (17%)
- Green (14%)
- Blue (12%)



- Red (17%)
- Yellow (15%)
- Blue (12%)



- Cyan (0%)
- Magenta (19%)
- Yellow (30%)
- Black (83%)



- Cyan (83%)
- Magenta (86%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B231E 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 2B231E by changing the saturation by 10% instead.

■ 2B231E

■ 2B231E

FFFFFF

■ 170D05

■ 594F4A

■ 000000

■ 716761

■ 8B807A

■ A59A94

■ C0B5AF

■ DCD1CA

■ F9EDE6

■ 2B231E

■ 2B231E

■ 2B201A

■ 2B2622

■ 2B1E15

■ 2B2827

■ 2B1B11

■ 2B2B2B

■ 2B180D

■ 2B2E2F

■ 2B1608

■ 2B3034

■ 2B1304

■ 2B3338

■ 2B1100

■ 2B363C

■ 2B3840

■ 2B3B45

Harmonies

Analogous

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



2D2221



2B231E



28241D

Triad

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



2B231E



1C2724



25242B

Complementary

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



2B231E



1E262B

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.



20252C



2B231E



1A2728

Square

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



2B231E



1F2621



1C262B



2A2229

Rectangle

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



2B231E



25251D



1C262B



24242C

Sweetspot

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



2B231E



383533



2B1E26



1C1A19



9C9C9C



1C1C1C

Same Dimension

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



2B231E



382C24



2B291E



141312



542000



D45100

Inverse Universe

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



1E262B



243038



1E202B



121414



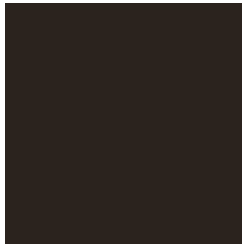
003454



0082D4

Previews

White Background



This preview shows how the Hex color 2B231E looks on a white background.

Color Contrast Check

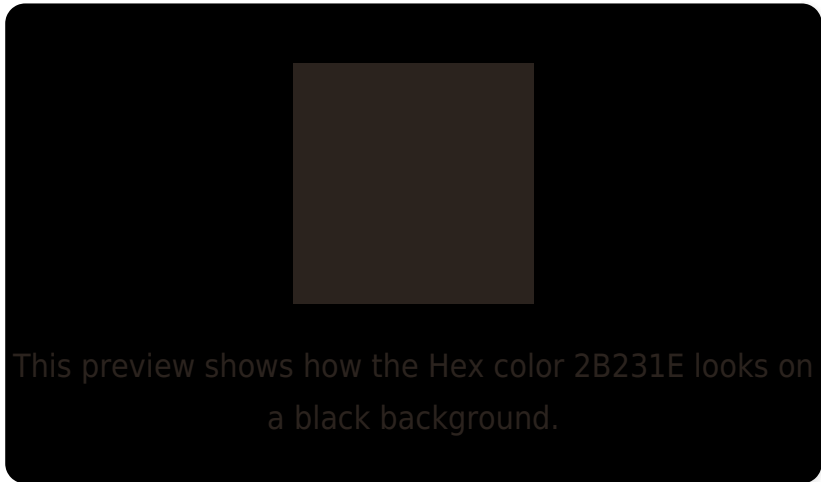
Large Text (above 18pt) WCAG AA ✓ Pass

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

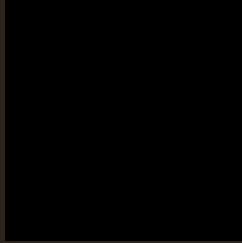
Any Text WCAG AA × Fail

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 2B231E Background



This preview shows how black text looks on a background with the Hex color 2B231E.



This preview shows how white text looks on a background with the Hex color 2B231E.

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

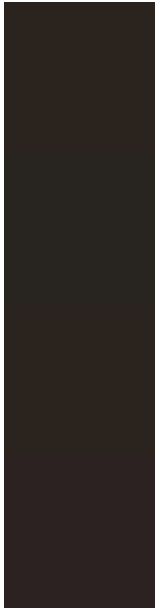


Original Color
2B231E

Protanopia
27251F

Deuteranopia
2A231E

Trichromacy



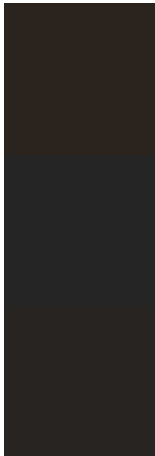
Original Color
2B231E

Protanomaly
28241F

Deuteranomaly
2A231E

Tritanomaly
2C2222

Monochromacy



Original Color
2B231E

Achromatopsia
252525

Achromatomaly
272422

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B231E 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 #2B231E looks like.

```
.text, #text, p{  
    color:#2B231E  
}
```

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 #2B231E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B231E
}
```

Border

The CSS property to change the border of an element to Hex 2B231E is called "border". The border property can be set on classes, ids or directly on the HTML element.

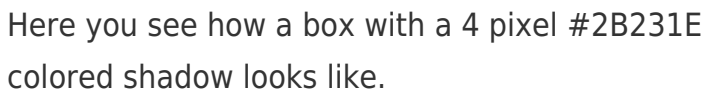
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B231E }
```

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

```
.border{ border-color:#2B231E }
```

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



Here you see how a box with a 4 pixel #2B231E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B231E; -webkit-box-shadow:4px 4px  
4px 4px #2B231E; box-shadow:4px 4px 4px  
4px #2B231E }
```

Background

The CSS property to change the background color of an element to Hex 2B231E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B231E }
```

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

```
.background{ background-color:#2B231E }
```

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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