

Converting Colors

Hex(2B201B)

Have a look what the booklet for
Hex(2B201B) contains.

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Color

Hex(2B201B)

Conversions

Conversions Part 1

Format	Color
Hex	2B201B
RGB	43, 32, 27
RGB Percent	17%, 13%, 11%
CMY	0.8314, 0.8745, 0.8941
CMYK	0.00, 0.26, 0.37, 0.83
HSL	19°, 23%, 14%
HSV	19°, 37%, 17%
XYZ	1.7106, 1.6257, 1.2606
YIQ	34.7190, 8.1610, 0.7770

Conversions

Conversions Part 2

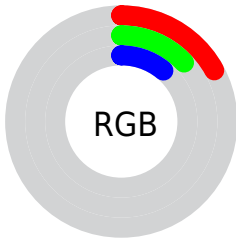
Format	Color
RYB	43, 34, 27
Decimal	2826267
CIELab	13.39, 4.37, 5.42
CIElCh	13, 6.961, 51.152
Yxy	1.6257, 0.3721, 0.3537
Android (android.graphics.Color)	4281016347 (0xFF2B201B)
YUV	34.7190, -3.8055, 7.2624
Hunter-Lab	12.7505, 1.6342, 3.0637




Details

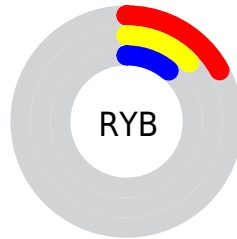
The Hex color **2B201B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1B262B**, and the grayscale version is **232323**.




A 20% lighter version of the original color is **594C46**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2B1D17**, and if you desaturate by 10%, it is **2B231F**.

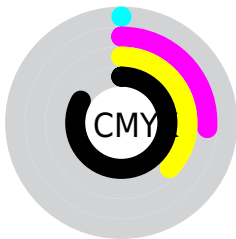
Distribution







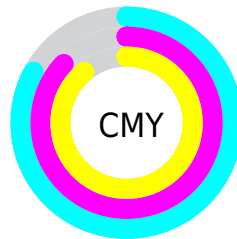
-  Red (17%)
-  Green (13%)
-  Blue (11%)






-  Red (17%)
-  Yellow (13%)
-  Blue (11%)



-  Cyan (0%)
-  Magenta (26%)
-  Yellow (37%)
-  Black (83%)



-  Cyan (83%)
-  Magenta (87%)
-  Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B201B 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 2B201B by changing the saturation by 10% instead.

■ 2B201B

■ 2B201B

FFFFFFE

■ 180800

■ 594C46

■ 000000

■ 71645E

■ 8B7D76

■ A59790

■ C1B1AB

■ DDCDC6

■ F9E9E2

■ 2B201B

■ 2B201B

■ 2B1D17

■ 2B231F

■ 2B1A12

■ 2B2624

■ 2B170E

■ 2B2928

■ 2B140A

■ 2B2C2C

■ 2B1105

■ 2B2F31

■ 2B0E01

■ 2B3235

■ 2B0D00

■ 2B3539

■ 2B383D

■ 2B3B42

Harmonies

Analogous

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



2C1F1F



2B201B



272219

Triad

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



2B201B



182521



21222B

Complementary

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



2B201B



1B262B

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.



1B232C



2B201B



152526

Square

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



2B201B



1D241C



16242A



272028

Rectangle

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



2B201B



242319



16242A



1F222C

Sweetspot

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



2B201B



383432



2B1B26



1C1A18



9C9C9C



1C1C1C

Same Dimension

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



2B201B



38271F



2B281B



141312



541A00



D44200

Inverse Universe

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



1B262B



1F3038



1B1E2B



121414



003A54



0092D4

Previews

White Background



This preview shows how the Hex color 2B201B 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

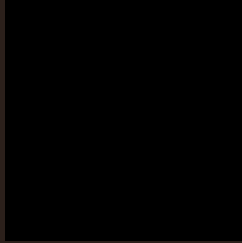
Any Text WCAG AA × Fail

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 2B201B Background



This preview shows how black text looks on a background with the Hex color 2B201B.

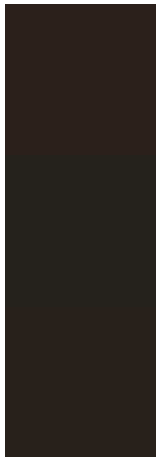


This preview shows how white text looks on a background with the Hex color 2B201B.

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

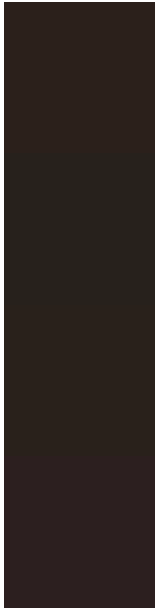


Original Color
2B201B

Protanopia
25221C

Deuteranopia
28211B

Trichromacy



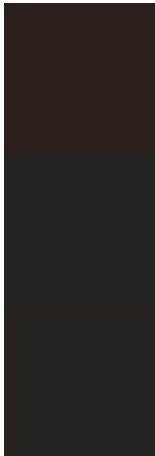
Original Color
2B201B

Protanomaly
27211C

Deuteranomaly
29211B

Tritanomaly
2C1F1F

Monochromacy



Original Color
2B201B

Achromatopsia
232323

Achromatomaly
262220

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B201B 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 #2B201B looks like.

```
.text, #text, p{  
    color:#2B201B  
}
```

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 #2B201B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B201B
}
```

Border

The CSS property to change the border of an element to Hex 2B201B is called "border". The border property can be set on classes, ids or directly on the HTML element.

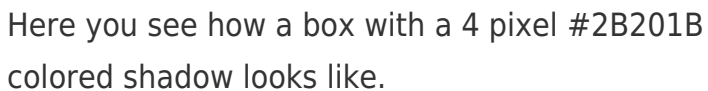
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B201B }
```

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

```
.border{ border-color:#2B201B }
```

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



Here you see how a box with a 4 pixel #2B201B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B201B; -webkit-box-shadow:4px 4px  
4px 4px #2B201B; box-shadow:4px 4px 4px  
4px #2B201B }
```

Background

The CSS property to change the background color of an element to Hex 2B201B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B201B }
```

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

```
.background{ background-color:#2B201B }
```

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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