

Converting Colors

Hex(2B1B1C)

Have a look what the booklet for
Hex(2B1B1C) contains.

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Color

Hex(2B1B1C)

Conversions

Conversions Part 1

Format	Color
Hex	2B1B1C
RGB	43, 27, 28
RGB Percent	17%, 11%, 11%
CMY	0.8314, 0.8941, 0.8902
CMYK	0.00, 0.37, 0.35, 0.83
HSL	356°, 23%, 14%
HSV	356°, 37%, 17%
XYZ	1.5978, 1.3813, 1.2810
YIQ	31.8980, 9.2150, 3.7030

Conversions

Conversions Part 2

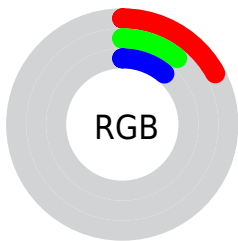
Format	Color
RYB	43, 27, 28
Decimal	2824988
CIELab	11.83, 8.12, 2.50
CIElCh	12, 8.493, 17.116
Yxy	1.3813, 0.3751, 0.3242
Android (android.graphics.Color)	4281015068 (0xFF2B1B1C)
YUV	31.8980, -1.9217, 9.7365
Hunter-Lab	11.7529, 3.6995, 1.7646

Details

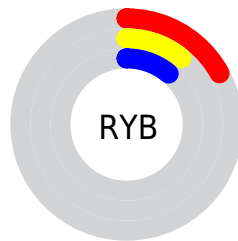
The Hex color **2B1B1C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1B2B2A**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **594647**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2B1718**, and if you desaturate by 10%, it is **2B1F20**.

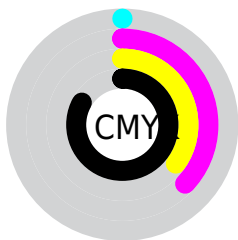
Distribution



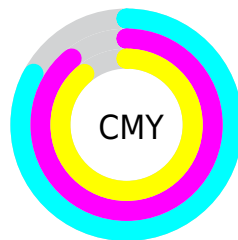
- Red (17%)
- Green (11%)
- Blue (11%)



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



- Cyan (0%)
- Magenta (37%)
- Yellow (35%)
- Black (83%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 2B1B1C 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 2B1B1C by changing the saturation by 10% instead.

■ 2B1B1C

■ 2B1B1C

FFFFFF

■ 180001

■ 594647

■ 000000

■ 725E5F

■ 8B7778

■ A69091

■ C1ABAC

■ DDC6C7

■ FAE2E3

■ 2B1B1C

■ 2B1B1C

■ 2B1718

■ 2B1F20

■ 2B1214

■ 2B2424

■ 2B0E10

■ 2B2828

■ 2B0A0C

■ 2B2C2C

■ 2B0508

■ 2B3130

■ 2B0104

■ 2B3534

■ 2B0003

■ 2B3938

■ 2B3D3C

■ 2B4240

Harmonies

Analogous

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



291B22



2B1B1C



2A1C17

Triad

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



2B1B1C



192117



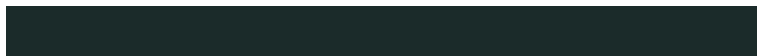
14202A

Complementary

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



2B1B1C



1B2B2A

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.



0F2227



2B1B1C



13221C

Square

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



2B1B1C



202014



0E2222



1D1F2A

Rectangle

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



2B1B1C



271D15



0E2222



12212A

Sweetspot

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



2B1B1C



383232



2A1B2B



1C1819



9C9C9C



1C1C1C

Same Dimension

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



2B1B1C



381F20



2B221B



141212



540005



D4000D

Inverse Universe

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



2B1B1C



381F20



1B242B



141212



540005



D4000D

Previews

White Background



This preview shows how the Hex color 2B1B1C looks on a white background.

Color Contrast Check

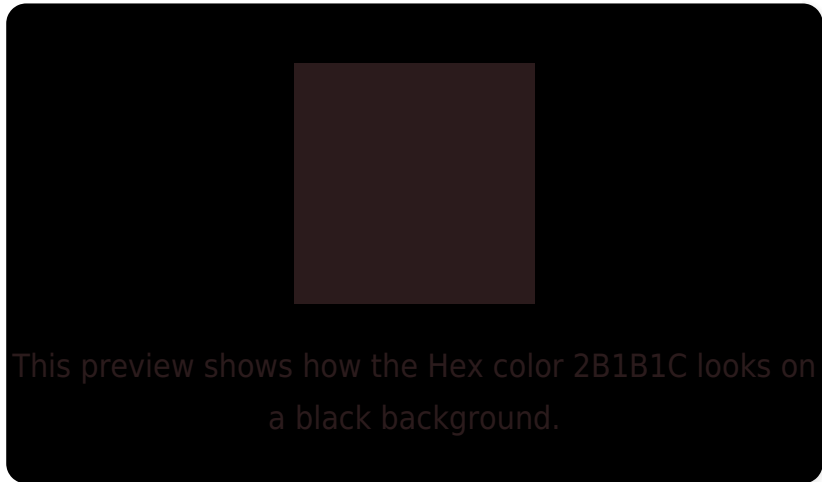
Large Text (above 18pt) WCAG AA ✓ Pass

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

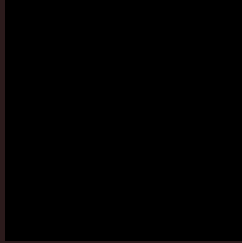
Any Text WCAG AA × Fail

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 2B1B1C Background



This preview shows how black text looks on a background with the Hex color 2B1B1C.

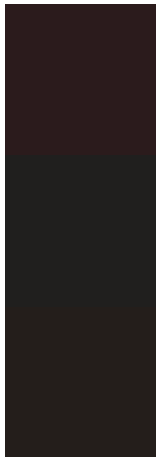


This preview shows how white text looks on a background with the Hex color 2B1B1C.

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
2B1B1C

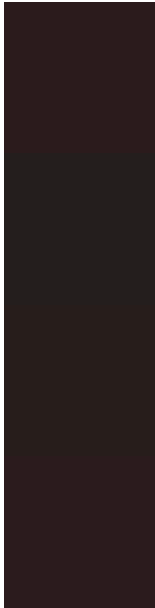
Protanopia
201F1E

Deuteranopia
241E1B



Tritanopia
2B1B1D

Trichromacy



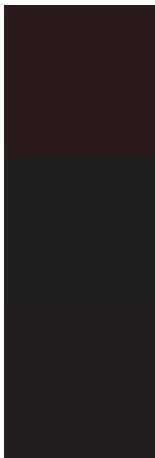
Original Color
2B1B1C

Protanomaly
241E1D

Deuteranomaly
271D1B

Tritanomaly
2B1B1D

Monochromacy



Original Color
2B1B1C

Achromatopsia
202020

Achromatomaly
241E1F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B1B1C 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 #2B1B1C looks like.

```
.text, #text, p{  
    color:#2B1B1C  
}
```

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 #2B1B1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B1B1C
}
```

Border

The CSS property to change the border of an element to Hex 2B1B1C is called "border". The border property can be set on classes, ids or directly on the HTML element.

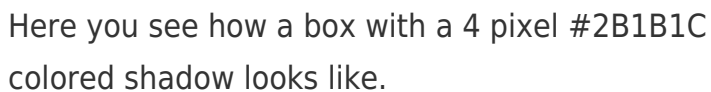
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B1B1C }
```

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

```
.border{ border-color:#2B1B1C }
```

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



Here you see how a box with a 4 pixel #2B1B1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B1B1C; -webkit-box-shadow:4px 4px  
4px 4px #2B1B1C; box-shadow:4px 4px 4px  
4px #2B1B1C }
```

Background

The CSS property to change the background color of an element to Hex 2B1B1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B1B1C }
```

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

```
.background{ background-color:#2B1B1C }
```

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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