

Converting Colors

Hex(2B2A18)

Have a look what the booklet for
Hex(2B2A18) contains.

Hex(2B2A18)	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(2B2A18)

Conversions

Conversions Part 1

Format	Color
Hex	2B2A18
RGB	43, 42, 24
RGB Percent	17%, 16%, 9%
CMY	0.8314, 0.8353, 0.9059
CMYK	0.00, 0.02, 0.44, 0.83
HSL	57°, 28%, 13%
HSV	57°, 44%, 17%
XYZ	1.9891, 2.2355, 1.1908
YIQ	40.2470, 6.3740, -5.3860

Conversions

Conversions Part 2

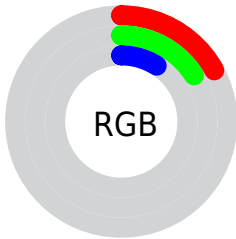
Format	Color
R_{YB}	25, 43, 24
Decimal	2828824
CIE Lab	16.68, -3.06, 11.95
CIE LCh	17, 12.333, 104.383
Yxy	2.2355, 0.3673, 0.4128
Android (android.graphics.Color)	4281018904 (0xFF2B2A18)
YUV	40.2470, -8.0098, 2.4144
Hunter-Lab	14.9515, -2.4181, 5.7439

Details

The Hex color **2B2A18** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **18192B**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **595743**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2B2A14**, and if you desaturate by 10%, it is **2B2A1C**.

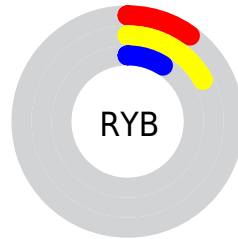
Distribution



Red (17%)

Green (16%)

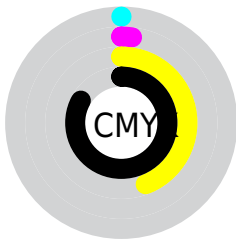
Blue (9%)



Red (10%)

Yellow (17%)

Blue (9%)

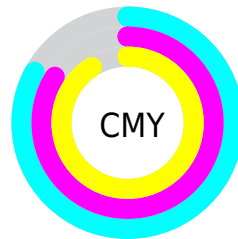


Cyan (0%)

Magenta (2%)

Yellow (44%)

Black (83%)



Cyan (83%)

Magenta (84%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B2A18 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 2B2A18 by changing the saturation by 10% instead.

■ 2B2A18

■ 2B2A18

■ FFFFFFFB

■ 181600

■ 595743

■ 000000

■ 72705B

■ 8B8973

■ A6A38D

■ C1BEA7

■ DDDAC2

■ F9F6DE

■ 2B2A18

■ 2B2A18

■ 2B2A14

■ 2B2A1C

■ 2B2A0F

■ 2B2A21

■ 2B290B

■ 2B2B25

■ 2B2907

■ 2B2B29

■ 2B2902

■ 2B2B2E

■ 2B2900

■ 2B2B32

■ 2B2C36

■ 2B2C3A

■ 2B2C3F

Harmonies

Analogous

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



332718



2B2A18



212C1C

Triad

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



2B2A18



0C2D35



38232E

Complementary

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



2B2A18



18192B

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.



302536



2B2A18



162B3A

Square

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



2B2A18



0D2E2D



24293A



3B2325

Rectangle

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



2B2A18



1A2D21



24293A



352431

Sweetspot

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



2B2A18



383831



2B1819



1C1C18



9C9C9C



1C1C1C

Same Dimension

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



2B2A18



38371A



232B18



141412



545000



D4C900

Inverse Universe

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



18192B



1A1C38



20182B



121214



000454



000BD4

Previews

White Background



This preview shows how the Hex color 2B2A18 looks on a white background.

Color Contrast Check

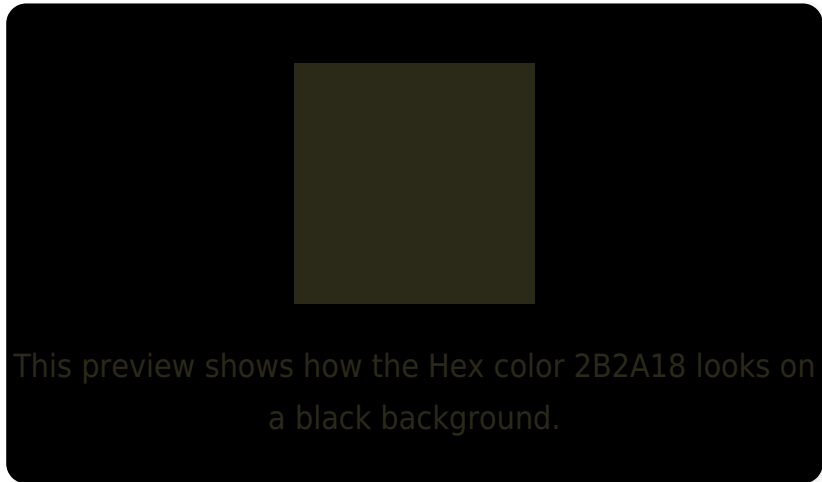
Large Text (above 18pt) WCAG AA ✓ Pass

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

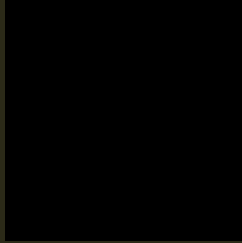
Any Text WCAG AA × Fail

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 2B2A18 Background



This preview shows how black text looks on a background with the Hex color 2B2A18.

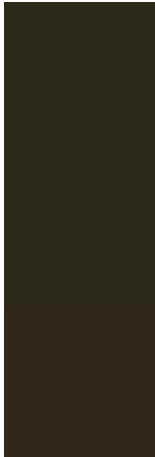


This preview shows how white text looks on a background with the Hex color 2B2A18.

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
2B2A18

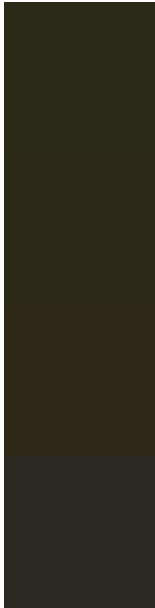
Protanopia
2D2918

Deuteranopia
322719



Tritanopia
2D282B

Trichromacy



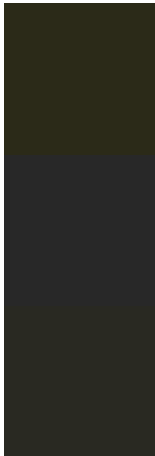
Original Color
2B2A18

Protanomaly
2C2918

Deuteranomaly
2F2819

Tritanomaly
2C2924

Monochromacy



Original Color
2B2A18

Achromatopsia
282828

Achromatomaly
292922

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B2A18 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 #2B2A18 looks like.

```
.text, #text, p{  
    color:#2B2A18  
}
```

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 #2B2A18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B2A18
}
```

Border

The CSS property to change the border of an element to Hex 2B2A18 is called "border". The border property can be set on classes, ids or directly on the HTML element.

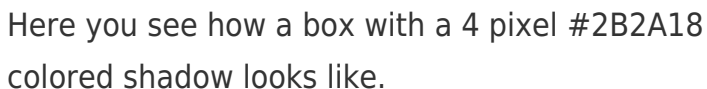
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B2A18 }
```

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

```
.border{ border-color:#2B2A18 }
```

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



Here you see how a box with a 4 pixel #2B2A18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B2A18; -webkit-box-shadow:4px 4px  
4px 4px #2B2A18; box-shadow:4px 4px 4px  
4px #2B2A18 }
```

Background

The CSS property to change the background color of an element to Hex 2B2A18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B2A18 }
```

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

```
.background{ background-color:#2B2A18 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor