

Converting Colors

Hex(1C2B2A)

Have a look what the booklet for
Hex(1C2B2A) contains.

Hex(1C2B2A)	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(1C2B2A)

Conversions

Conversions Part 1

Format	Color
Hex	1C2B2A
RGB	28, 43, 42
RGB Percent	11%, 17%, 16%
CMY	0.8902, 0.8314, 0.8353
CMYK	0.35, 0.00, 0.02, 0.83
HSL	176°, 21%, 14%
HSV	176°, 35%, 17%
XYZ	1.7607, 2.1418, 2.5111
YIQ	38.4010, -8.6190, -3.4910

Conversions

Conversions Part 2

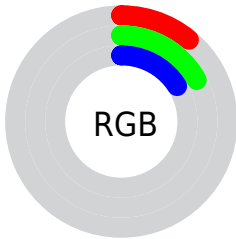
Format	Color
RYB	28, 36, 43
Decimal	1846058
CIELab	16.21, -6.56, -1.39
CIElCh	16, 6.703, 191.938
Yxy	2.1418, 0.2745, 0.3339
Android (android.graphics.Color)	4280036138 (0xFF1C2B2A)
YUV	38.4010, 1.7743, -9.1217
Hunter-Lab	14.6349, -4.1362, 0.0713

Details

The Hex color **1C2B2A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2B1C1D**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **485857**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **182B2A**, and if you desaturate by 10%, it is **202B2A**.

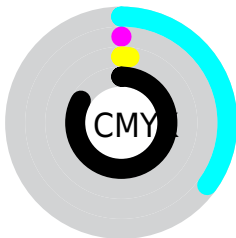
Distribution



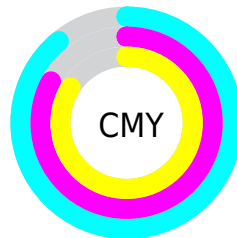
- Red (11%)
- Green (17%)
- Blue (16%)



- Red (11%)
- Yellow (14%)
- Blue (17%)



- Cyan (35%)
- Magenta (0%)
- Yellow (2%)
- Black (83%)



- Cyan (89%)
- Magenta (83%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C2B2A 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 1C2B2A by changing the saturation by 10% instead.

■ 1C2B2A

■ 1C2B2A

FFFFFF

■ 041716

■ 485857

■ 000000

■ 607170

■ 798A89

■ 93A5A3

■ ADC0BE

■ C9DCDA

■ E5F8F6

■ 1C2B2A

■ 1C2B2A

■ 182B2A

■ 202B2A

■ 132B29

■ 252B2B

■ 0F2B29

■ 292B2B

■ 0B2B29

■ 2D2B2B

■ 072B29

■ 312B2B

■ 022B28

■ 362B2C

■ 002B28

■ 3A2B2C

■ 3E2B2C

■ 432B2D

Harmonies

Analogous

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



1F2B25



1C2B2A



1C2B2E

Triad

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



1C2B2A



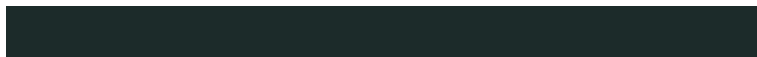
2B262F



2F271F

Complementary

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



1C2B2A



2B1C1D

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.



322622



1C2B2A



30252B

Square

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



1C2B2A



252831



322526



2A291F

Rectangle

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



1C2B2A



1E2A30



322526



302620

Sweetspot

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



1C2B2A



323838



1D2B1C



191C1C



9C9C9C



1C1C1C

Same Dimension

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



1C2B2A



213837



1C252B



121414



00544F



00D4C6

Inverse Universe

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



2B1C1D



382122



2B231C



141212



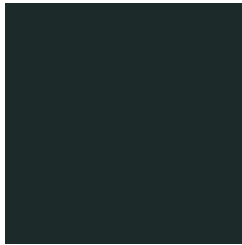
540006



D4000E

Previews

White Background



This preview shows how the Hex color 1C2B2A looks on a white background.

Color Contrast Check

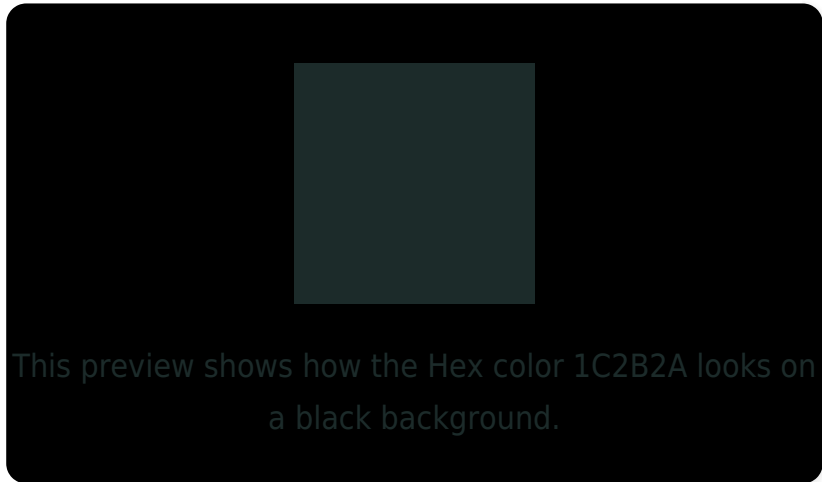
Large Text (above 18pt) WCAG AA ✓ Pass

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

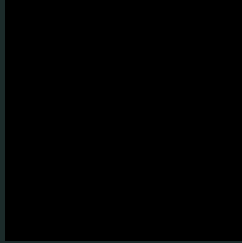
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

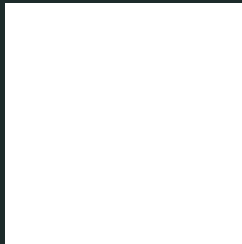
Any Text WCAG AAA × Fail

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

Hex 1C2B2A Background



This preview shows how black text looks on a background with the Hex color 1C2B2A.



This preview shows how white text looks on a background with the Hex color 1C2B2A.

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
1C2B2A

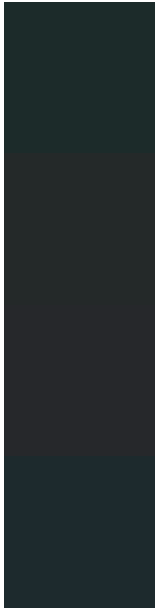
Protanopia
292828

Deuteranopia
2B272B



Tritanopia
1D2A2E

Trichromacy



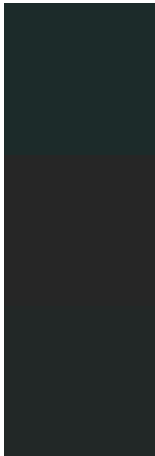
Original Color
1C2B2A

Protanomaly
242929

Deuteranomaly
26282B

Tritanomaly
1D2A2D

Monochromacy



Original Color
1C2B2A

Achromatopsia
262626

Achromatomaly
222827

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C2B2A 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 #1C2B2A looks like.

```
.text, #text, p{  
    color:#1C2B2A  
}
```

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 #1C2B2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C2B2A
}
```

Border

The CSS property to change the border of an element to Hex 1C2B2A is called "border". The border property can be set on classes, ids or directly on the HTML element.

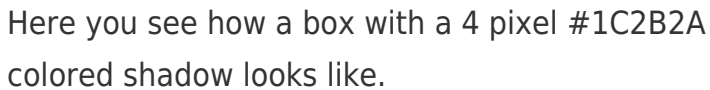
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1C2B2A }
```

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

```
.border{ border-color:#1C2B2A }
```

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



Here you see how a box with a 4 pixel #1C2B2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C2B2A; -webkit-box-shadow:4px 4px  
4px 4px #1C2B2A; box-shadow:4px 4px 4px  
4px #1C2B2A }
```

Background

The CSS property to change the background color of an element to Hex 1C2B2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C2B2A }
```

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

```
.background{ background-color:#1C2B2A }
```

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