

Converting Colors

Hex(2C1B2A)

Have a look what the booklet for
Hex(2C1B2A) contains.

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Color

Hex(2C1B2A)

Conversions

Conversions Part 1

Format	Color
Hex	2C1B2A
RGB	44, 27, 42
RGB Percent	17%, 11%, 16%
CMY	0.8275, 0.8941, 0.8353
CMYK	0.00, 0.39, 0.05, 0.83
HSL	307°, 24%, 14%
HSV	307°, 39%, 17%
XYZ	1.8486, 1.4865, 2.3800
YIQ	33.7930, 5.3170, 8.2690

Conversions

Conversions Part 2

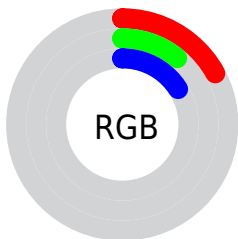
Format	Color
RYB	44, 27, 42
Decimal	2890538
CIELab	12.52, 11.52, -6.74
CIElCh	13, 13.351, 329.660
Yxy	1.4865, 0.3235, 0.2601
Android (android.graphics.Color)	4281080618 (0xFF2C1B2A)
YUV	33.7930, 4.0461, 8.9515
Hunter-Lab	12.1922, 5.7273, -3.0391

Details

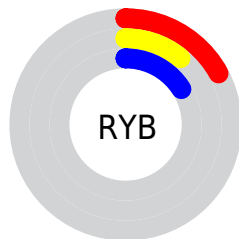
The Hex color **2C1B2A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1B2C1D**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **5A4757**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2C1729**, and if you desaturate by 10%, it is **2C1F2B**.

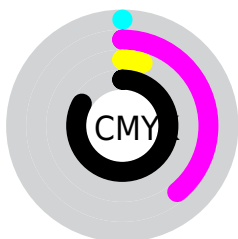
Distribution



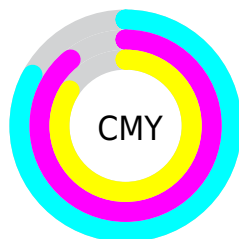
- Red (17%)
- Green (11%)
- Blue (16%)



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



- Cyan (0%)
- Magenta (39%)
- Yellow (5%)
- Black (83%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 2C1B2A 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 2C1B2A by changing the saturation by 10% instead.

■ 2C1B2A

■ 2C1B2A

FFFFFF

■ 190116

■ 5A4757

■ 000000

■ 735E70

■ 8C7789

■ A791A3

■ C2ABBE

■ DEC7DA

■ FAE3F7

■ 2C1B2A

■ 2C1B2A

■ 2C1729

■ 2C1F2B

■ 2C1229

■ 2C242B

■ 2C0E28

■ 2C282C

■ 2C0928

■ 2C2D2C

■ 2C0527

■ 2C312D

■ 2C0127

■ 2C352D

■ 2C0027

■ 2C3A2E

■ 2C3E2E

■ 2C432F

Harmonies

Analogous

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



211E31



2C1B2A



321921

Triad

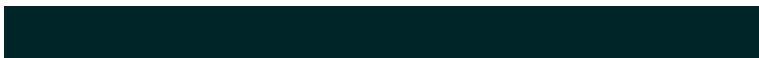
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2C1B2A



27200C



002529

Complementary

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



2C1B2A



1B2C1D

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.



052520



2C1B2A



1D2310

Square

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



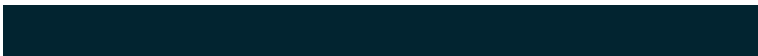
2C1B2A



2E1D10



122517



022430

Rectangle

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



2C1B2A



321A1B



122517



002526

Sweetspot

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



2C1B2A



383137



1D1B2C



1C181C



9C9C9C



1C1C1C

Same Dimension

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



2C1B2A



381E35



2C1B22



171517



57004D



D600BD

Inverse Universe

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



2C1B2A



381E35



1B2C25



171517



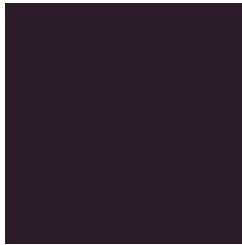
57004D



D600BD

Previews

White Background



This preview shows how the Hex color 2C1B2A looks on a white background.

Color Contrast Check

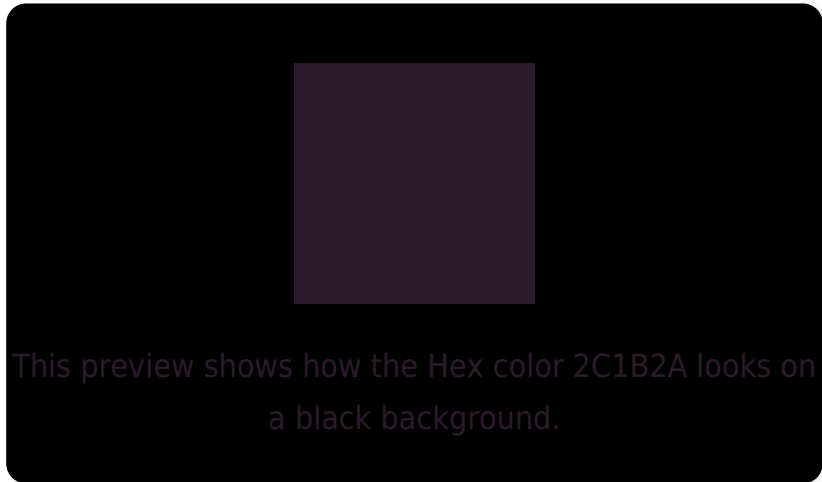
Large Text (above 18pt) WCAG AA ✓ Pass

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

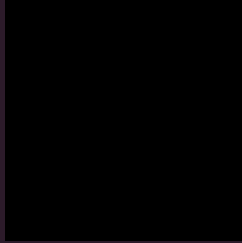
Any Text WCAG AA × Fail

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 2C1B2A Background



This preview shows how black text looks on a background with the Hex color 2C1B2A.



This preview shows how white text looks on a background with the Hex color 2C1B2A.

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
2C1B2A

Protanopia
1D202E

Deuteranopia
202029



Tritanopia
2B1D1F

Trichromacy



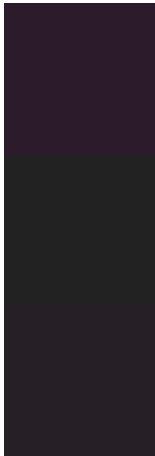
Original Color
2C1B2A

Protanomaly
221E2D

Deuteranomaly
241E29

Tritanomaly
2B1C23

Monochromacy



Original Color
2C1B2A

Achromatopsia
222222

Achromatomaly
261F25

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C1B2A 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 #2C1B2A looks like.

```
.text, #text, p{  
    color:#2C1B2A  
}
```

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 #2C1B2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C1B2A
}
```

Border

The CSS property to change the border of an element to Hex 2C1B2A is called "border". The border property can be set on classes, ids or directly on the HTML element.

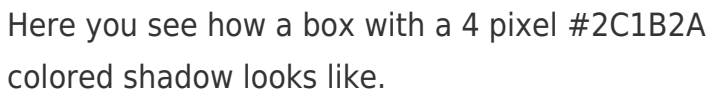
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C1B2A }
```

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

```
.border{ border-color:#2C1B2A }
```

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



Here you see how a box with a 4 pixel #2C1B2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C1B2A; -webkit-box-shadow:4px 4px  
4px 4px #2C1B2A; box-shadow:4px 4px 4px  
4px #2C1B2A }
```

Background

The CSS property to change the background color of an element to Hex 2C1B2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C1B2A }
```

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

```
.background{ background-color:#2C1B2A }
```

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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