

Converting Colors

Hex(2C2D2A)

Have a look what the booklet for
Hex(2C2D2A) contains.

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Color

Hex(2C2D2A)

Conversions

Conversions Part 1

Format	Color
Hex	2C2D2A
RGB	44, 45, 42
RGB Percent	17%, 18%, 16%
CMY	0.8275, 0.8235, 0.8353
CMYK	0.02, 0.00, 0.07, 0.82
HSL	80°, 3%, 17%
HSV	80°, 7%, 18%
XYZ	2.3950, 2.5794, 2.5621
YIQ	44.3590, 0.3670, -1.1450

Conversions

Conversions Part 2

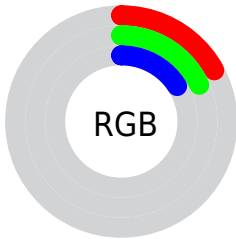
Format	Color
R_{YB}	42, 45, 43
Decimal	2895146
CIE Lab	18.27, -1.15, 1.78
CIE LCh	18, 2.118, 122.769
Yxy	2.5794, 0.3178, 0.3423
Android (android.graphics.Color)	4281085226 (0xFF2C2D2A)
YUV	44.3590, -1.1630, -0.3148
Hunter-Lab	16.0605, -1.4874, 1.7839

Details

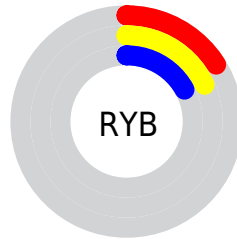
The Hex color **2C2D2A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2B2A2D**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **595B57**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2B2D26**, and if you desaturate by 10%, it is **2E2D2F**.

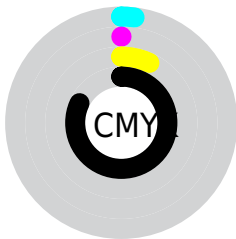
Distribution



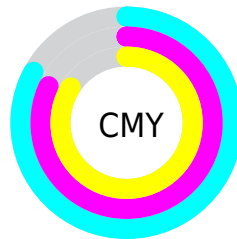
- Red (17%)
- Green (18%)
- Blue (16%)



- Red (16%)
- Yellow (18%)
- Blue (17%)



- Cyan (2%)
- Magenta (0%)
- Yellow (7%)
- Black (82%)



- Cyan (83%)
- Magenta (82%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C2D2A 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 2C2D2A by changing the saturation by 10% instead.

■ 2C2D2A

■ 2C2D2A

FFFFFF

■ 181816

■ 595B57

■ 000000

■ 727370

■ 8B8D89

■ A6A7A3

■ C1C2BE

■ DDEEDA

■ F9FBF7

■ 2C2D2A

■ 2C2D2A

■ 2B2D26

■ 2E2D2F

■ 292D21

■ 2F2D33

■ 272D1D

■ 312D38

■ 262D18

■ 322D3C

■ 242D13

■ 342D41

■ 232D0F

■ 352D45

■ 212D0A

■ 372D4A

■ 202D06

■ 382D4E

■ 1E2D01

■ 3A2D53

Harmonies

Analogous

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



2E2D2A



2C2D2A



2A2D2B

Triad

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



2C2D2A



2A2D2F



302C2C

Complementary

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



2C2D2A



2B2A2D

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.



2F2C2E



2C2D2A



2B2D30

Square

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



2C2D2A



292D2E



2D2C2F



302C2B

Rectangle

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



2C2D2A



292E2C



2D2C2F



302C2D

Sweetspot

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



2C2D2A



3A3B39



2D2B2A



1E1F1E



9E9E9E



1F1F1F

Same Dimension

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



2C2D2A



393B36



2B2D2A



161715



3A5700



8FD600

Inverse Universe

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



2B2A2D



38363B



2D2A2D



151517



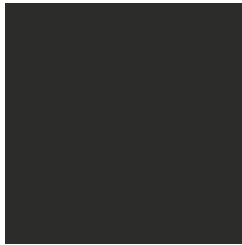
1D0057



4700D6

Previews

White Background



This preview shows how the Hex color 2C2D2A looks on a white background.

Color Contrast Check

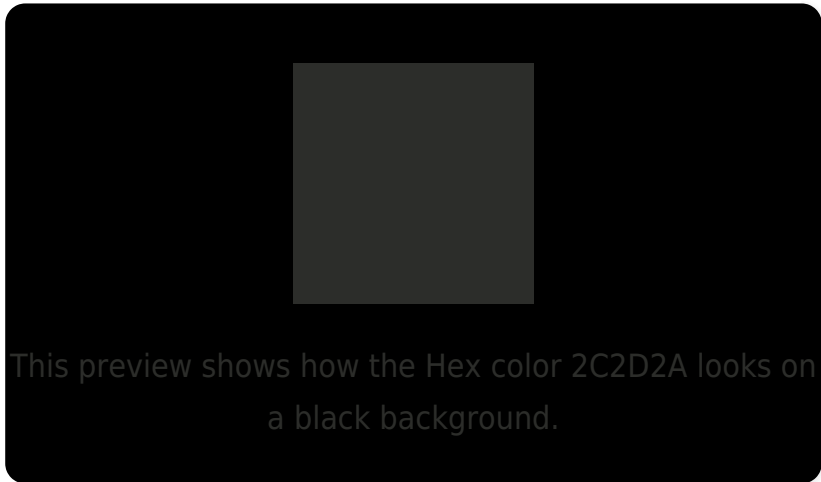
Large Text (above 18pt) WCAG AA ✓ Pass

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

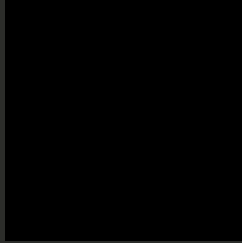
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

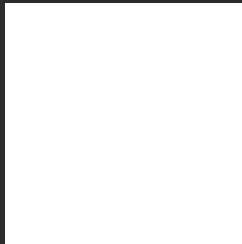
Any Text WCAG AAA × Fail

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

Hex 2C2D2A Background



This preview shows how black text looks on a background with the Hex color 2C2D2A.



This preview shows how white text looks on a background with the Hex color 2C2D2A.

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

2C2D2A

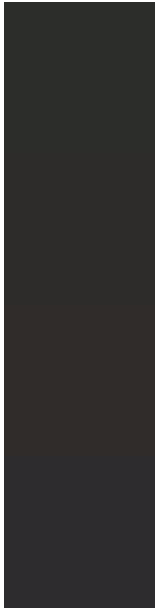
Protanopia

2E2C2A

Deuteranopia

322B2A

Trichromacy



Original Color

2C2D2A

Protanomaly

2D2C2A

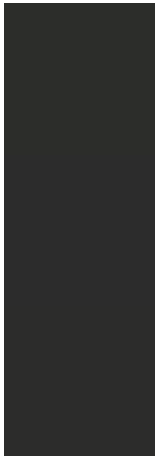
Deuteranomaly

302C2A

Tritanomaly

2D2C2E

Monochromacy



Original Color

2C2D2A

Achromatopsia

2C2C2C

Achromatomaly

2C2C2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C2D2A 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 #2C2D2A looks like.

```
.text, #text, p{  
    color:#2C2D2A  
}
```

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 #2C2D2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C2D2A
}
```

Border

The CSS property to change the border of an element to Hex 2C2D2A 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
#2C2D2A }
```

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

```
.border{ border-color:#2C2D2A }
```

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

Here you see how a box with a 4 pixel #2C2D2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C2D2A; -webkit-box-shadow:4px 4px  
4px 4px #2C2D2A; box-shadow:4px 4px 4px  
4px #2C2D2A }
```

Background

The CSS property to change the background color of an element to Hex 2C2D2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C2D2A }
```

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

```
.background{ background-color:#2C2D2A }
```

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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