

Converting Colors

Hex(2C2A26)

Have a look what the booklet for
Hex(2C2A26) contains.

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Color

Hex(2C2A26)

Conversions

Conversions Part 1

Format	Color
Hex	2C2A26
RGB	44, 42, 38
RGB Percent	17%, 16%, 15%
CMY	0.8275, 0.8353, 0.8510
CMYK	0.00, 0.05, 0.14, 0.83
HSL	40°, 7%, 16%
HSV	40°, 14%, 17%
XYZ	2.2165, 2.3313, 2.1669
YIQ	42.1420, 2.4760, -0.8200

Conversions

Conversions Part 2

Format	Color
RYB	41, 44, 38
Decimal	2894374
CIELab	17.14, 0.01, 2.94
CIELCh	17, 2.936, 89.727
Yxy	2.3313, 0.3301, 0.3472
Android (android.graphics.Color)	4281084454 (0xFF2C2A26)
YUV	42.1420, -2.0420, 1.6295
Hunter-Lab	15.2687, -0.8079, 2.2739

Details

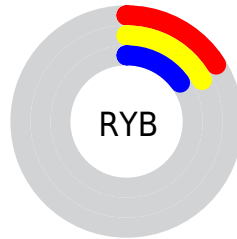
The Hex color **2C2A26** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **26282C**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **595753**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2C2922**, and if you desaturate by 10%, it is **2C2B2A**.

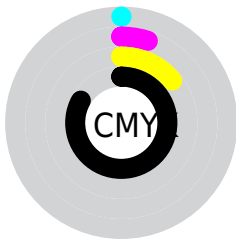
Distribution



- Red (17%)
- Green (16%)
- Blue (15%)



- Red (16%)
- Yellow (17%)
- Blue (15%)



- Cyan (0%)
- Magenta (5%)
- Yellow (14%)
- Black (83%)



- Cyan (83%)
- Magenta (84%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C2A26 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 2C2A26 by changing the saturation by 10% instead.

■ 2C2A26

■ 2C2A26

FFFFFF

■ 181611

■ 595753

■ 000000

■ 72706B

■ 8B8984

■ A6A39E

■ C1BEB9

■ DDDAD5

■ F9F7F1

■ 2C2A26

■ 2C2A26

■ 2C2922

■ 2C2B2A

■ 2C271D

■ 2C2D2F

■ 2C2619

■ 2C2E33

■ 2C2414

■ 2C3038

■ 2C2310

■ 2C313C

■ 2C210C

■ 2C3340

■ 2C2007

■ 2C3445

■ 2C1E03

■ 2C3649

■ 2C1D00

■ 2C374E

Harmonies

Analogous

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



2E2927



2C2A26



2A2B27

Triad

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



2C2A26



252B2C



2D292C

Complementary

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



2C2A26



26282C

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.



2B2A2E



2C2A26



262B2E

Square

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



2C2A26



262B2A



282A2E



2E292A

Rectangle

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



2C2A26



282B27



282A2E



2C292D

Sweetspot

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



2C2A26



383736



2C2628



1C1C1B



9C9C9C



1C1C1C

Same Dimension

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



2C2A26



38352F



2B2C26



171615



573A00



D68F00

Inverse Universe

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



26282C



2F3238



27262C



151517



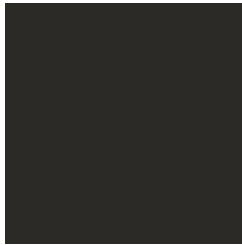
001D57



0047D6

Previews

White Background



This preview shows how the Hex color 2C2A26 looks on a white background.

Color Contrast Check

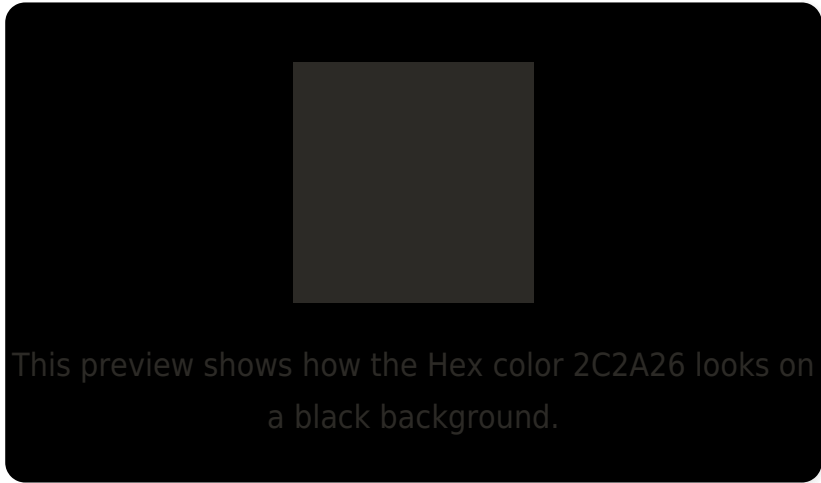
Large Text (above 18pt) WCAG AA ✓ Pass

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

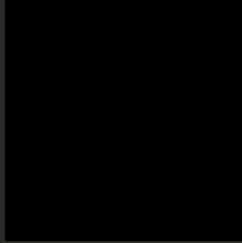
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

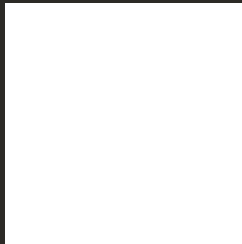
Any Text WCAG AAA × Fail

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

Hex 2C2A26 Background



This preview shows how black text looks on a background with the Hex color 2C2A26.



This preview shows how white text looks on a background with the Hex color 2C2A26.

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

2C2A26

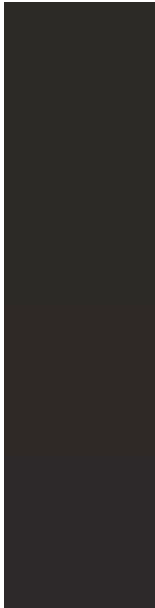
Protanopia

2C2A26

Deuteranopia

302926

Trichromacy



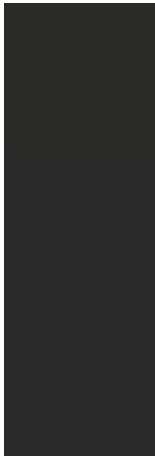
Original Color
2C2A26

Protanomaly
2C2A26

Deuteranomaly
2F2926

Tritanomaly
2D292A

Monochromacy



Original Color
2C2A26

Achromatopsia
2A2A2A

Achromatomaly
2B2A29

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C2A26 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 #2C2A26 looks like.

```
.text, #text, p{  
    color:#2C2A26  
}
```

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 #2C2A26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C2A26
}
```

Border

The CSS property to change the border of an element to Hex 2C2A26 is called "border". The border property can be set on classes, ids or directly on the HTML element.

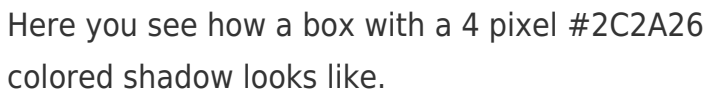
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C2A26 }
```

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

```
.border{ border-color:#2C2A26 }
```

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



Here you see how a box with a 4 pixel #2C2A26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C2A26; -webkit-box-shadow:4px 4px  
4px 4px #2C2A26; box-shadow:4px 4px 4px  
4px #2C2A26 }
```

Background

The CSS property to change the background color of an element to Hex 2C2A26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C2A26 }
```

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

```
.background{ background-color:#2C2A26 }
```

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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