

Converting Colors

Hex(2C312C)

Have a look what the booklet for
Hex(2C312C) contains.

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Color

Hex(2C312C)

Conversions

Conversions Part 1

Format	Color
Hex	2C312C
RGB	44, 49, 44
RGB Percent	17%, 19%, 17%
CMY	0.8275, 0.8078, 0.8275
CMYK	0.10, 0.00, 0.10, 0.81
HSL	120°, 5%, 18%
HSV	120°, 10%, 19%
XYZ	2.5916, 2.9139, 2.8087
YIQ	46.9350, -1.3750, -2.6150

Conversions

Conversions Part 2

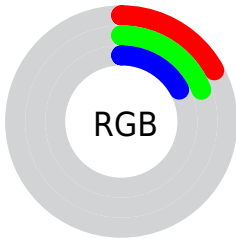
Format	Color
RYB	44, 49, 49
Decimal	2896172
CIELab	19.70, -3.37, 2.45
CIElCh	20, 4.166, 143.971
Yxy	2.9139, 0.3117, 0.3505
Android (android.graphics.Color)	4281086252 (0xFF2C312C)
YUV	46.9350, -1.4470, -2.5740
Hunter-Lab	17.0703, -2.7728, 2.1937

Details

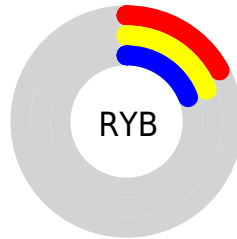
The Hex color **2C312C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **312C31**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **595F59**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **273127**, and if you desaturate by 10%, it is **313131**.

Distribution



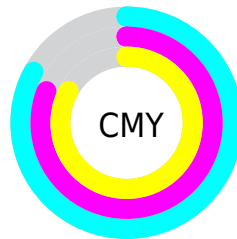
- Red (17%)
- Green (19%)
- Blue (17%)



- Red (17%)
- Yellow (19%)
- Blue (19%)



- Cyan (10%)
- Magenta (0%)
- Yellow (10%)
- Black (81%)



- Cyan (83%)
- Magenta (81%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C312C 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 2C312C by changing the saturation by 10% instead.

■ 2C312C

■ 2C312C

FFFFFF

■ 171C18

■ 595F59

■ 000000

■ 727872

■ 8B918B

■ A6ACA6

■ C1C7C1

■ DDE3DD

■ F9FFF9

■ 2C312C

■ 2C312C

■ 273127

■ 313131

■ 223122

■ 363136

■ 1D311D

■ 3B313B

■ 183118

■ 403140

■ 133113

■ 453145

■ 0F310F

■ 493149

■ 0A310A

■ 4E314E

■ 053105

■ 533153

■ 003100

■ 583158

Harmonies

Analogous

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



2F302A



2C312C



29312F

Triad

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



2C312C



2C3036



362E2D

Complementary

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



2C312C



312C31

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.



362E30



2C312C



302F35

Square

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



2C312C



293134



332E33



352E2B

Rectangle

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



2C312C



283131



332E33



362E2E

Sweetspot

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



2C312C



3E403E



31312C



202120



A1A1A1



212121

Same Dimension

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



2C312C



384038



2C312F



171A17



005900



00D900

Inverse Universe

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



312C31



403840



312C2F



1A171A



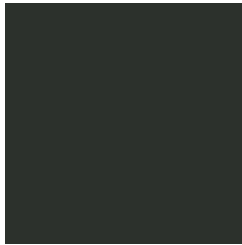
590059



D900D9

Previews

White Background



This preview shows how the Hex color 2C312C looks on a white background.

Color Contrast Check

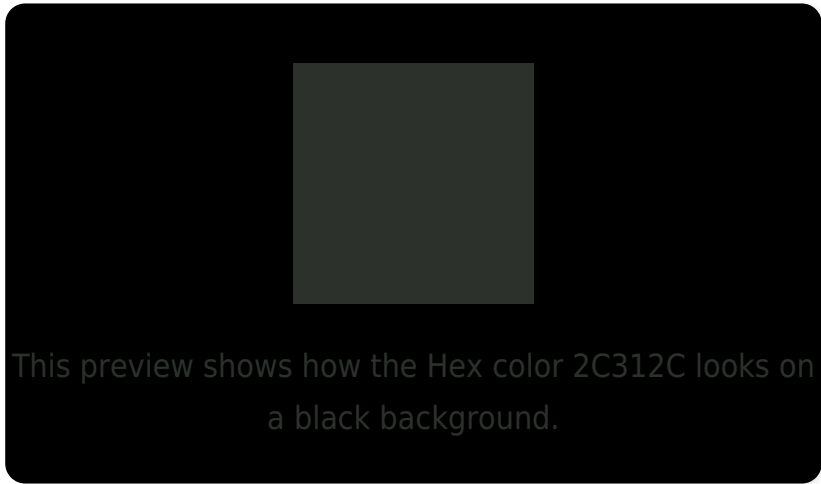
Large Text (above 18pt) WCAG AA ✓ Pass

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

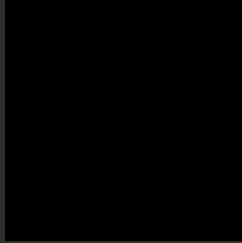
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

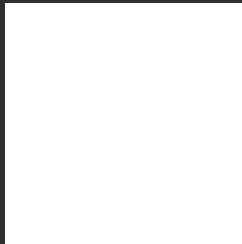
Any Text WCAG AAA × Fail

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

Hex 2C312C Background



This preview shows how black text looks on a background with the Hex color 2C312C.

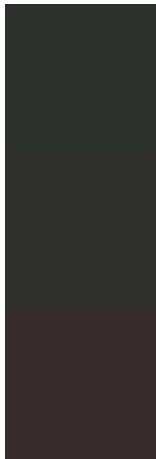


This preview shows how white text looks on a background with the Hex color 2C312C.

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](#).

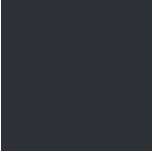
Dichromacy



Original Color
2C312C

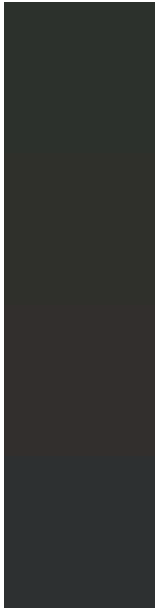
Protanopia
312F2B

Deuteranopia
352E2D



Tritanopia
2D3034

Trichromacy



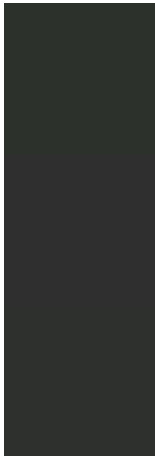
Original Color
2C312C

Protanomaly
2F302B

Deuteranomaly
322F2D

Tritanomaly
2D3031

Monochromacy



Original Color
2C312C

Achromatopsia
2F2F2F

Achromatomaly
2E302E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C312C 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 #2C312C looks like.

```
.text, #text, p{  
    color:#2C312C  
}
```

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 #2C312C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C312C
}
```

Border

The CSS property to change the border of an element to Hex 2C312C is called "border". The border property can be set on classes, ids or directly on the HTML element.

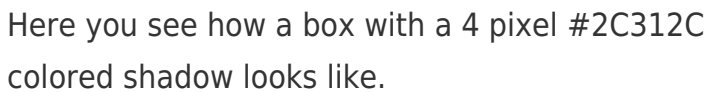
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C312C }
```

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

```
.border{ border-color:#2C312C }
```

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



Here you see how a box with a 4 pixel #2C312C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C312C; -webkit-box-shadow:4px 4px  
4px 4px #2C312C; box-shadow:4px 4px 4px  
4px #2C312C }
```

Background

The CSS property to change the background color of an element to Hex 2C312C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C312C }
```

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

```
.background{ background-color:#2C312C }
```

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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