

Converting Colors

Hex(2C2D27)

Have a look what the booklet for
Hex(2C2D27) contains.

Hex(2C2D27)	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(2C2D27)

Conversions

Conversions Part 1

Format	Color
Hex	2C2D27
RGB	44, 45, 39
RGB Percent	17%, 18%, 15%
CMY	0.8275, 0.8235, 0.8471
CMYK	0.02, 0.00, 0.13, 0.82
HSL	70°, 7%, 16%
HSV	70°, 13%, 18%
XYZ	2.3433, 2.5587, 2.2898
YIQ	44.0170, 1.3300, -2.0780

Conversions

Conversions Part 2

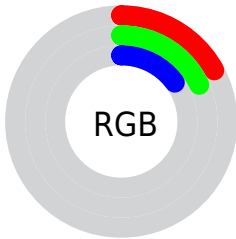
Format	Color
RYB	39, 45, 40
Decimal	2895143
CIELab	18.18, -1.81, 3.73
CIELCh	18, 4.147, 115.928
Yxy	2.5587, 0.3258, 0.3558
Android (android.graphics.Color)	4281085223 (0xFF2C2D27)
YUV	44.0170, -2.4734, -0.0149
Hunter-Lab	15.9960, -1.8441, 2.7098

Details

The Hex color **2C2D27** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **28272D**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **595B54**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2B2D23**, and if you desaturate by 10%, it is **2D2D2C**.

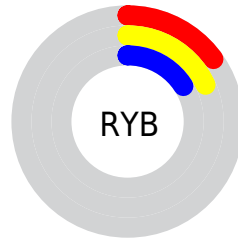
Distribution



Red (17%)

Green (18%)

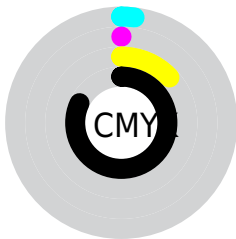
Blue (15%)



Red (15%)

Yellow (18%)

Blue (16%)

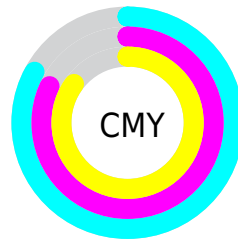


Cyan (2%)

Magenta (0%)

Yellow (13%)

Black (82%)



Cyan (83%)

Magenta (82%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C2D27 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 2C2D27 by changing the saturation by 10% instead.

■ 2C2D27

■ 2C2D27

FFFFFF

■ 181812

■ 595B54

■ 000000

■ 72736C

■ 8B8D85

■ A6A79F

■ C1C2BA

■ DDD6D6

■ F9FBF2

■ 2C2D27

■ 2C2D27

■ 2B2D23

■ 2D2D2C

■ 2A2D1E

■ 2E2D30

■ 2A2D1A

■ 2E2D35

■ 292D15

■ 2F2D39

■ 282D11

■ 302D3E

■ 272D0C

■ 312D42

■ 272D08

■ 312D47

■ 262D03

■ 322D4B

■ 252D00

■ 332D50

Harmonies

Analogous

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



2F2C26



2C2D27



292E29

Triad

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



2C2D27



262E31



322A2D

Complementary

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



2C2D27



28272D

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.



302B30



2C2D27



292D32

Square

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



2C2D27



252E2F



2D2C32



332A2A

Rectangle

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



2C2D27



272E2B



2D2C32



322B2E

Sweetspot

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



2C2D27



3A3B38



2D2827



1E1F1D



9E9E9E



1F1F1F

Same Dimension

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



2C2D27



393B31



292D27



171715



485700



B2D600

Inverse Universe

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



28272D



33313B



2B272D



151517



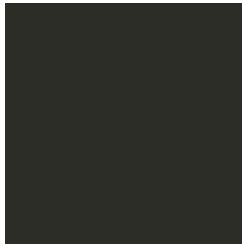
0E0057



2400D6

Previews

White Background



This preview shows how the Hex color 2C2D27 looks on a white background.

Color Contrast Check

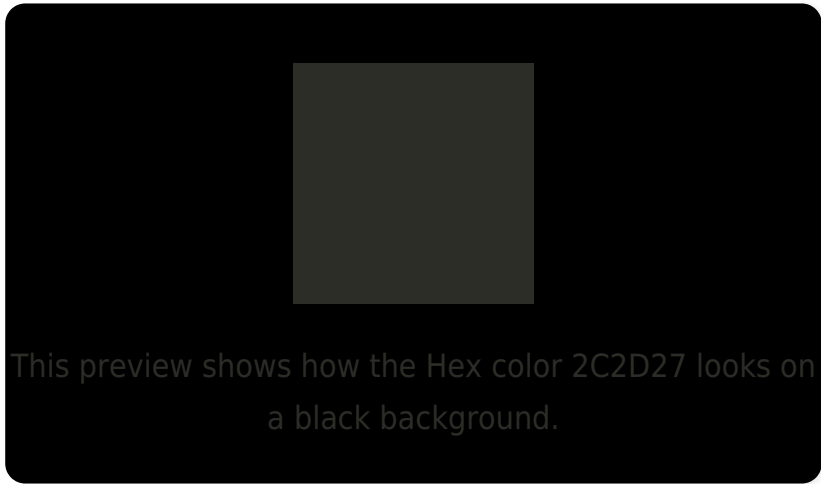
Large Text (above 18pt) WCAG AA ✓ Pass

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

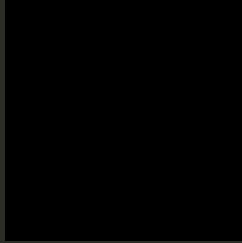
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

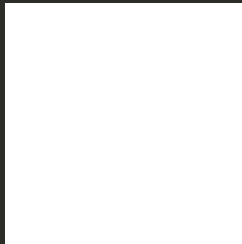
Any Text WCAG AAA × Fail

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

Hex 2C2D27 Background



This preview shows how black text looks on a background with the Hex color 2C2D27.

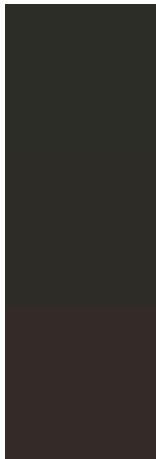


This preview shows how white text looks on a background with the Hex color 2C2D27.

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

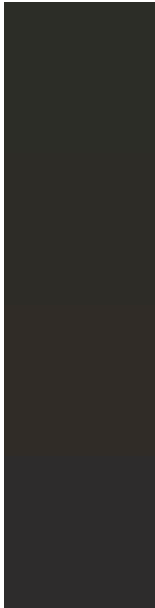


Original Color
2C2D27

Protanopia
2E2C27

Deuteranopia
322B27

Trichromacy



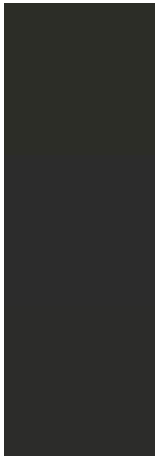
Original Color
2C2D27

Protanomaly
2D2C27

Deuteranomaly
302C27

Tritanomaly
2D2C2C

Monochromacy



Original Color
2C2D27

Achromatopsia
2C2C2C

Achromatomaly
2C2C2A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C2D27 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 #2C2D27 looks like.

```
.text, #text, p{  
    color:#2C2D27  
}
```

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 #2C2D27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C2D27
}
```

Border

The CSS property to change the border of an element to Hex 2C2D27 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
#2C2D27 }
```

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

```
.border{ border-color:#2C2D27 }
```

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

Here you see how a box with a 4 pixel #2C2D27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C2D27; -webkit-box-shadow:4px 4px  
4px 4px #2C2D27; box-shadow:4px 4px 4px  
4px #2C2D27 }
```

Background

The CSS property to change the background color of an element to Hex 2C2D27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C2D27 }
```

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

```
.background{ background-color:#2C2D27 }
```

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