

Converting Colors

Hex(2F2C33)

Have a look what the booklet for
Hex(2F2C33) contains.

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Color

Hex(2F2C33)

Conversions

Conversions Part 1

Format	Color
Hex	2F2C33
RGB	47, 44, 51
RGB Percent	18%, 17%, 20%
CMY	0.8157, 0.8275, 0.8000
CMYK	0.08, 0.14, 0.00, 0.80
HSL	266°, 7%, 19%
HSV	266°, 14%, 20%
XYZ	2.6705, 2.6447, 3.5017
YIQ	45.6950, -0.4590, 2.8130

Conversions

Conversions Part 2

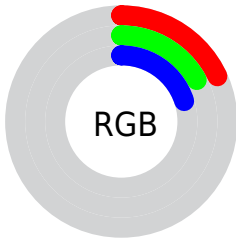
Format	Color
R_YB	47, 44, 51
Decimal	3091507
CIE Lab	18.56, 3.03, -4.01
CIE LCh	19, 5.032, 307.092
Yxy	2.6447, 0.3029, 0.3000
Android (android.graphics.Color)	4281281587 (0xFF2F2C33)
YUV	45.6950, 2.6154, 1.1445
Hunter-Lab	16.2626, 0.8523, -1.3826

Details

The Hex color **2F2C33** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **30332C**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **5D5961**, and **000004** is the 20% darker color. If you saturate the color by 10%, you get **2C2733**, and if you desaturate by 10%, it is **323133**.

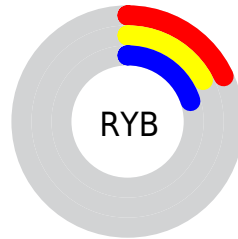
Distribution



Red (18%)

Green (17%)

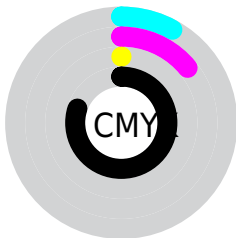
Blue (20%)



Red (18%)

Yellow (17%)

Blue (20%)

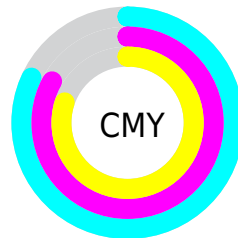


Cyan (8%)

Magenta (14%)

Yellow (0%)

Black (80%)



Cyan (82%)

Magenta (83%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F2C33 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 2F2C33 by changing the saturation by 10% instead.

■ 2F2C33

■ 2F2C33

FFFFFF

■ 1A181E

■ 5D5961

■ 000004

■ 75727A

■ 000000

■ 8F8B94

■ AAA6AE

■ C5C1CA

■ E1DDE6

■ FDF9FF

■ 2F2C33

■ 2F2C33

■ 2C2733

■ 323133

■ 292233

■ 353633

■ 261D33

■ 383B33

■ 231833

■ 3B4033

■ 201233

■ 3E4633

■ 1E0D33

■ 404B33

■ 1B0833

■ 435033

■ 180333

■ 465533

■ 160033

■ 495A33

Harmonies

Analogous

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



2A2D34



2F2C33



332B30

Triad

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



2F2C33



332C27



252F2E

Complementary

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



2F2C33



30332C

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.



272F2A



2F2C33



2F2D26

Square

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



2F2C33



352B29



2B2E27



242F31

Rectangle

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



2F2C33



342B2E



2B2E27



252F2D

Sweetspot

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



2F2C33



414042



2C3033



201F21



A1A1A1



212121

Same Dimension

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



2F2C33



3C3842



322C33



18171A



260059



5D00D9

Inverse Universe

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



332C30



42383E



2D332C



1A1718



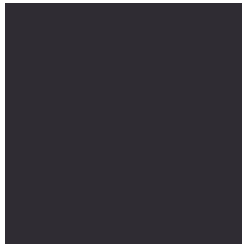
590033



D9007C

Previews

White Background



This preview shows how the Hex color 2F2C33 looks on a white background.

Color Contrast Check

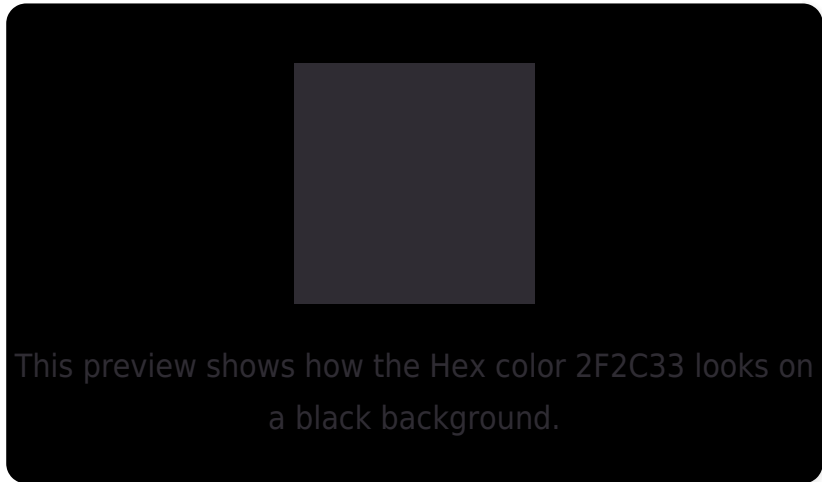
Large Text (above 18pt) WCAG AA ✓ Pass

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

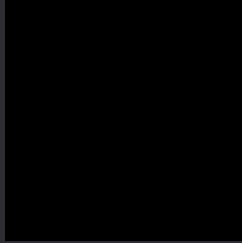
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

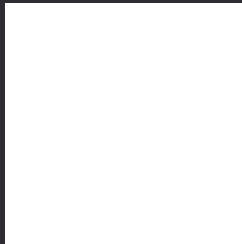
Any Text WCAG AAA × Fail

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

Hex 2F2C33 Background



This preview shows how black text looks on a background with the Hex color 2F2C33.



This preview shows how white text looks on a background with the Hex color 2F2C33.

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
2F2C33

Protanopia
2C2D34

Deuteranopia
2F2C33



Tritanopia
2F2D30

Trichromacy



Original Color

2F2C33

Protanomaly

2D2D34

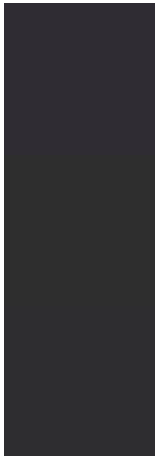
Deuteranomaly

2F2C33

Tritanomaly

2F2D31

Monochromacy



Original Color

2F2C33

Achromatopsia

2E2E2E

Achromatomaly

2E2D30

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F2C33 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 #2F2C33 looks like.

```
.text, #text, p{  
    color:#2F2C33  
}
```

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 #2F2C33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F2C33
}
```

Border

The CSS property to change the border of an element to Hex 2F2C33 is called "border". The border property can be set on classes, ids or directly on the HTML element.

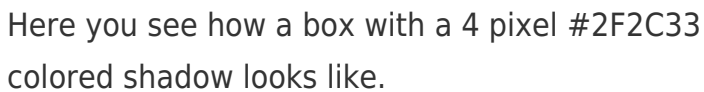
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F2C33 }
```

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

```
.border{ border-color:#2F2C33 }
```

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



Here you see how a box with a 4 pixel #2F2C33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F2C33; -webkit-box-shadow:4px 4px  
4px 4px #2F2C33; box-shadow:4px 4px 4px  
4px #2F2C33 }
```

Background

The CSS property to change the background color of an element to Hex 2F2C33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F2C33 }
```

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

```
.background{ background-color:#2F2C33 }
```

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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