

Converting Colors

Hex(2F2A2E)

Have a look what the booklet for
Hex(2F2A2E) contains.

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Color

Hex(2F2A2E)

Conversions

Conversions Part 1

Format	Color
Hex	2F2A2E
RGB	47, 42, 46
RGB Percent	18%, 16%, 18%
CMY	0.8157, 0.8353, 0.8196
CMYK	0.00, 0.11, 0.02, 0.82
HSL	312°, 6%, 17%
HSV	312°, 11%, 18%
XYZ	2.4934, 2.4575, 2.9277
YIQ	43.9510, 1.6960, 2.3040

Conversions

Conversions Part 2

Format	Color
R_{YB}	47, 42, 46
Decimal	3090990
CIE _{Lab}	17.73, 3.20, -1.77
CIE _{LCh}	18, 3.656, 331.039
Yxy	2.4575, 0.3165, 0.3119
Android (android.graphics.Color)	4281281070 (0xFF2F2A2E)
YUV	43.9510, 1.0102, 2.6740
Hunter-Lab	15.6765, 0.9571, -0.0993

Details

The Hex color **2F2A2E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2A2F2B**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **5D575C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2F252D**, and if you desaturate by 10%, it is **2F2F2F**.

Distribution



Red (18%)

Green (16%)

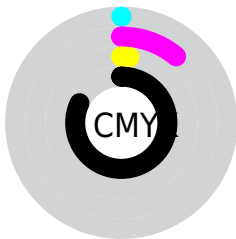
Blue (18%)



Red (18%)

Yellow (16%)

Blue (18%)



Cyan (0%)

Magenta (11%)

Yellow (2%)

Black (82%)



Cyan (82%)

Magenta (84%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F2A2E 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 2F2A2E by changing the saturation by 10% instead.

■ 2F2A2E

■ 2F2A2E

FFFFFF

■ 1A1619

■ 5D575C

■ 000000

■ 757074

■ 8F898E

■ AAA3A8

■ C5BEC3

■ E1DADF

■ FDF7FC

■ 2F2A2E

■ 2F2A2E

■ 2F252D

■ 2F2F2F

■ 2F212C

■ 2F3330

■ 2F1C2B

■ 2F3831

■ 2F172A

■ 2F3D32

■ 2F1229

■ 2F4233

■ 2F0E28

■ 2F4634

■ 2F0927

■ 2F4B35

■ 2F0426

■ 2F5036

■ 2F0026

■ 2F5436

Harmonies

Analogous

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



2C2B30



2F2A2E



312A2B

Triad

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



2F2A2E



2E2B26



252D2E

Complementary

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



2F2A2E



2A2F2B

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.



262D2B



2F2A2E



2B2C27

Square

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



2F2A2E



302A27



282D29



262C30

Rectangle

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



2F2A2E



312A2A



282D29



252D2D

Sweetspot

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



2F2A2E



3D3B3D



2B2A2F



1F1D1E



9E9E9E



1F1F1F

Same Dimension

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



2F2A2E



3D353C



2F2A2C



171516



570045



D600AB

Inverse Universe

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



2F2A2E



3D353C



2A2F2E



171516



570045



D600AB

Previews

White Background



This preview shows how the Hex color 2F2A2E looks on a white background.

Color Contrast Check

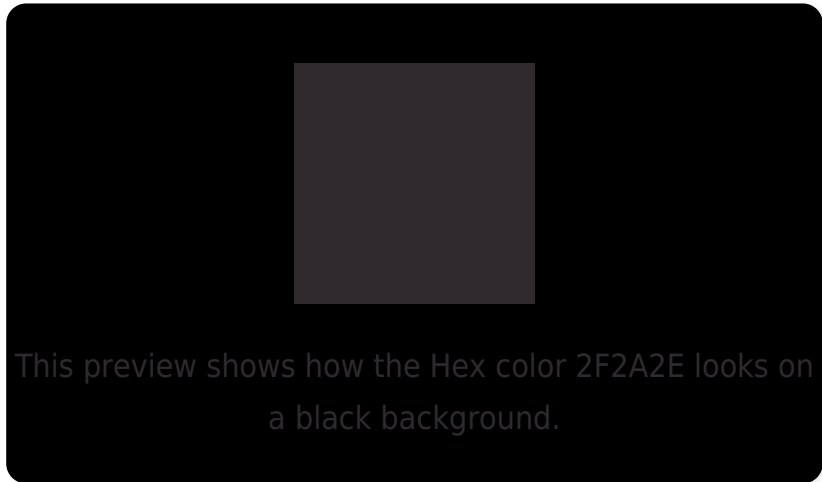
Large Text (above 18pt) WCAG AA ✓ Pass

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

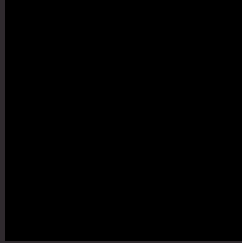
Any Text WCAG AA × Fail

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 2F2A2E Background



This preview shows how black text looks on a background with the Hex color 2F2A2E.



This preview shows how white text looks on a background with the Hex color 2F2A2E.

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

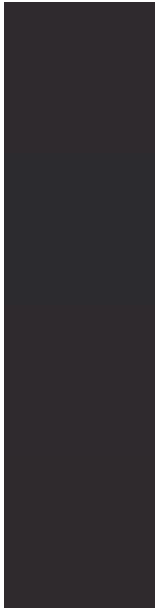


Original Color
2F2A2E

Protanopia
2B2B2F

Deuteranopia
2F2A2E

Trichromacy



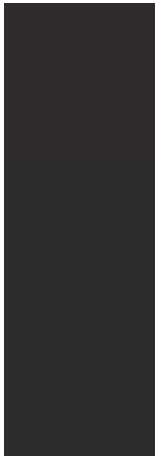
Original Color
2F2A2E

Protanomaly
2C2B2F

Deuteranomaly
2F2A2E

Tritanomaly
2F2A2D

Monochromacy



Original Color
2F2A2E

Achromatopsia
2C2C2C

Achromatomaly
2D2B2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F2A2E 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 #2F2A2E looks like.

```
.text, #text, p{  
    color:#2F2A2E  
}
```

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 #2F2A2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F2A2E
}
```

Border

The CSS property to change the border of an element to Hex 2F2A2E is called "border". The border property can be set on classes, ids or directly on the HTML element.

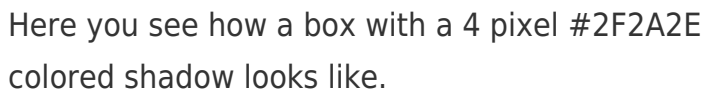
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F2A2E }
```

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

```
.border{ border-color:#2F2A2E }
```

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



Here you see how a box with a 4 pixel #2F2A2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F2A2E; -webkit-box-shadow:4px 4px  
4px 4px #2F2A2E; box-shadow:4px 4px 4px  
4px #2F2A2E }
```

Background

The CSS property to change the background color of an element to Hex 2F2A2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F2A2E }
```

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

```
.background{ background-color:#2F2A2E }
```

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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