

Converting Colors

Hex(2F2A2A)

Have a look what the booklet for
Hex(2F2A2A) contains.

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Color

Hex(2F2A2A)

Conversions

Conversions Part 1

Format	Color
Hex	2F2A2A
RGB	47, 42, 42
RGB Percent	18%, 16%, 16%
CMY	0.8157, 0.8353, 0.8353
CMYK	0.00, 0.11, 0.11, 0.82
HSL	0°, 6%, 17%
HSV	0°, 11%, 18%
XYZ	2.4182, 2.4274, 2.5316
YIQ	43.4950, 2.9800, 1.0600

Conversions

Conversions Part 2

Format	Color
R_{YB}	47, 42, 42
Decimal	3090986
CIE _{Lab}	17.59, 2.28, 0.83
CIE _{LCh}	18, 2.429, 19.874
Yxy	2.4274, 0.3278, 0.3290
Android (android.graphics.Color)	4281281066 (0xFF2F2A2A)
YUV	43.4950, -0.7370, 3.0739
Hunter-Lab	15.5802, 0.4392, 1.2723

Details

The Hex color **2F2A2A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2A2F2F**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **5D5757**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2F2525**, and if you desaturate by 10%, it is **2F2F2F**.

Distribution



Red (18%)

Green (16%)

Blue (16%)



Red (18%)

Yellow (16%)

Blue (16%)



Cyan (0%)

Magenta (11%)

Yellow (11%)

Black (82%)



Cyan (82%)

Magenta (84%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F2A2A 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 2F2A2A by changing the saturation by 10% instead.

■ 2F2A2A

■ 2F2A2A

FFFFFF

■ 1A1616

■ 5D5757

■ 000000

■ 757070

■ 8F8989

■ AAA3A3

■ C5BEBE

■ E1DADA

■ FDF7F6

■ 2F2A2A

■ 2F2A2A

■ 2F2525

■ 2F2F2F

■ 2F2121

■ 2F3333

■ 2F1C1C

■ 2F3838

■ 2F1717

■ 2F3D3D

■ 2F1212

■ 2F4242

■ 2F0E0E

■ 2F4646

■ 2F0909

■ 2F4B4B

■ 2F0404

■ 2F5050

■ 2F0000

■ 2F5454

Harmonies

Analogous

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



2E2A2C



2F2A2A



2F2A29

Triad

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



2F2A2A



292C29



292B2E

Complementary

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



2F2A2A



2A2F2F

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.



272C2E



2F2A2A



282C2A

Square

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



2F2A2A



2B2B28



272C2C



2B2B2E

Rectangle

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



2F2A2A



2E2B28



272C2C



282C2E

Sweetspot

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



2F2A2A



3D3B3B



2F2A2F



1F1D1D



9E9E9E



1F1F1F

Same Dimension

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



2F2A2A



3D3535



2F2D2A



171515



570000



D60000

Inverse Universe

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



2A2F2F



353D3D



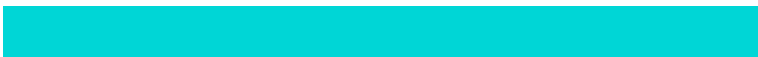
2A2D2F



151717



005757



00D6D6

Previews

White Background



This preview shows how the Hex color 2F2A2A looks on a white background.

Color Contrast Check

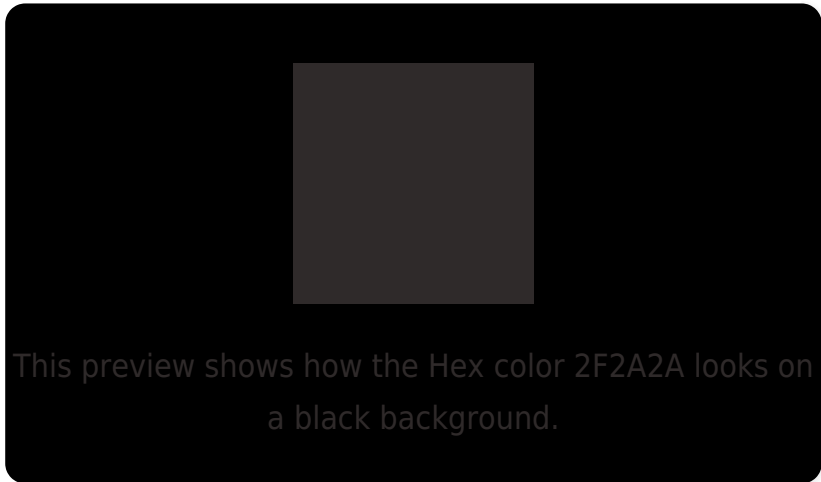
Large Text (above 18pt) WCAG AA ✓ Pass

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

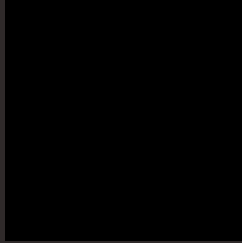
Any Text WCAG AA × Fail

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 2F2A2A Background



This preview shows how black text looks on a background with the Hex color 2F2A2A.

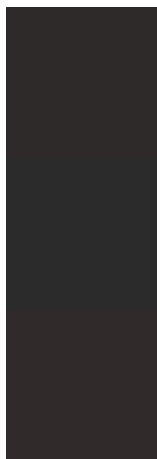


This preview shows how white text looks on a background with the Hex color 2F2A2A.

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

2F2A2A

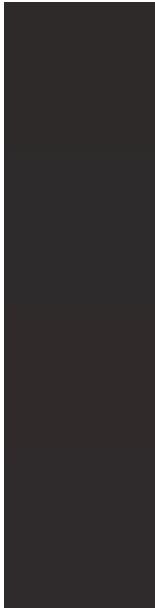
Protanopia

2C2B2B

Deuteranopia

302A2A

Trichromacy



Original Color

2F2A2A

Protanomaly

2D2B2B

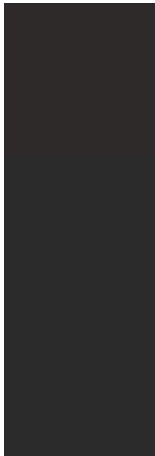
Deuteranomaly

302A2A

Tritanomaly

2F2A2C

Monochromacy



Original Color

2F2A2A

Achromatopsia

2B2B2B

Achromatomaly

2C2B2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F2A2A 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 #2F2A2A looks like.

```
.text, #text, p{  
    color:#2F2A2A  
}
```

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 #2F2A2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F2A2A
}
```

Border

The CSS property to change the border of an element to Hex 2F2A2A is called "border". The border property can be set on classes, ids or directly on the HTML element.

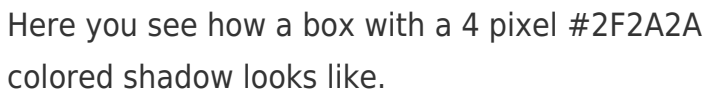
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F2A2A }
```

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

```
.border{ border-color:#2F2A2A }
```

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



Here you see how a box with a 4 pixel #2F2A2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F2A2A; -webkit-box-shadow:4px 4px  
4px 4px #2F2A2A; box-shadow:4px 4px 4px  
4px #2F2A2A }
```

Background

The CSS property to change the background color of an element to Hex 2F2A2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F2A2A }
```

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

```
.background{ background-color:#2F2A2A }
```

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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