

Converting Colors

Hex(2F2F2A)

Have a look what the booklet for
Hex(2F2F2A) contains.

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Color

Hex(2F2F2A)

Conversions

Conversions Part 1

Format	Color
Hex	2F2F2A
RGB	47, 47, 42
RGB Percent	18%, 18%, 16%
CMY	0.8157, 0.8157, 0.8353
CMYK	0.00, 0.00, 0.11, 0.82
HSL	60°, 6%, 17%
HSV	60°, 11%, 18%
XYZ	2.6067, 2.8045, 2.5944
YIQ	46.4300, 1.6050, -1.5550

Conversions

Conversions Part 2

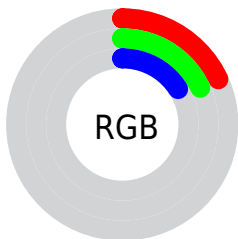
Format	Color
RYB	42, 47, 42
Decimal	3092266
CIELab	19.24, -1.13, 3.21
CIELCh	19, 3.405, 109.334
Yxy	2.8045, 0.3256, 0.3503
Android (android.graphics.Color)	4281282346 (0xFF2F2F2A)
YUV	46.4300, -2.1840, 0.4999
Hunter-Lab	16.7467, -1.5223, 2.5374

Details

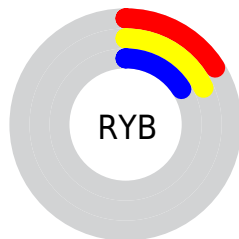
The Hex color **2F2F2A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2A2A2F**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **5D5D57**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2F2F25**, and if you desaturate by 10%, it is **2F2F2F**.

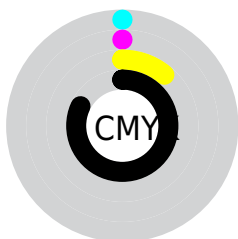
Distribution



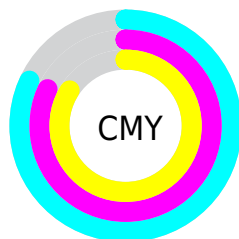
- Red (18%)
- Green (18%)
- Blue (16%)



- Red (16%)
- Yellow (18%)
- Blue (16%)



- Cyan (0%)
- Magenta (0%)
- Yellow (11%)
- Black (82%)



- Cyan (82%)
- Magenta (82%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F2F2A 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 2F2F2A by changing the saturation by 10% instead.

■ 2F2F2A

■ 2F2F2A

FFFFFF

■ 1A1A16

■ 5D5D57

■ 000000

■ 757570

■ 8F8F89

■ AAA9A3

■ C5C5BE

■ E1E1DA

■ FDFDF7

■ 2F2F2A

■ 2F2F2A

■ 2F2F25

■ 2F2F2F

■ 2F2F21

■ 2F2F33

■ 2F2F1C

■ 2F2F38

■ 2F2F17

■ 2F2F3D

■ 2F2F12

■ 2F2F42

■ 2F2F0E

■ 2F2F46

■ 2F2F09

■ 2F2F4B

■ 2F2F04

■ 2F2F50

■ 2F2F00

■ 2F2F54

Harmonies

Analogous

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



322E2A



2F2F2A



2C302B

Triad

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



2F2F2A



293032



332D30

Complementary

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



2F2F2A



2A2A2F

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.



312E32



2F2F2A



2B2F33

Square

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



2F2F2A



293030



2E2E33



342D2D

Rectangle

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



2F2F2A



2A302D



2E2E33



332D30

Sweetspot

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



2F2F2A



3D3D3B



2F2A2A



1F1F1D



9E9E9E



1F1F1F

Same Dimension

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



2F2F2A



3D3D35



2D2F2A



171715



575700



D6D600

Inverse Universe

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



2A2A2F



35353D



2D2A2F



151517



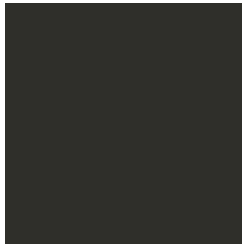
000057



0000D6

Previews

White Background



This preview shows how the Hex color 2F2F2A looks on a white background.

Color Contrast Check

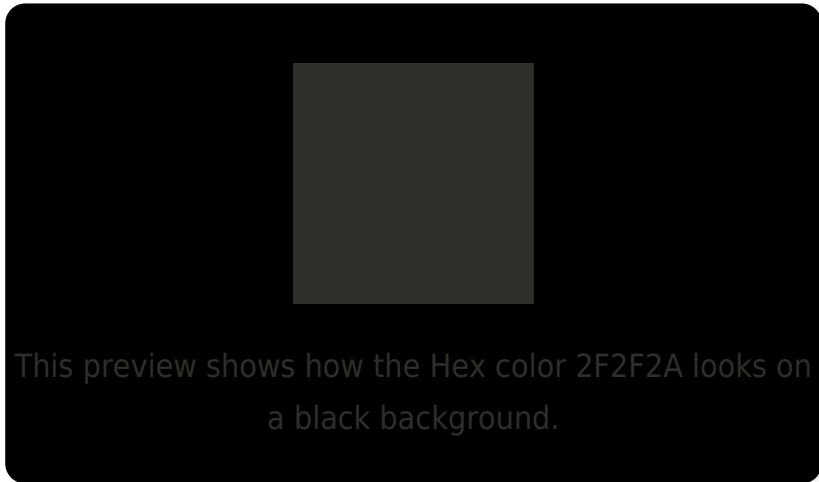
Large Text (above 18pt) WCAG AA ✓ Pass

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

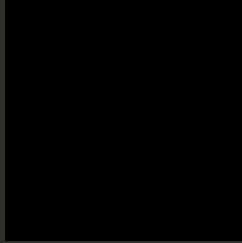
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

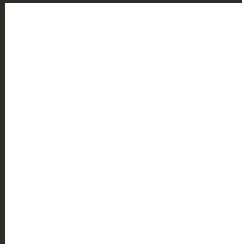
Any Text WCAG AAA × Fail

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

Hex 2F2F2A Background



This preview shows how black text looks on a background with the Hex color 2F2F2A.



This preview shows how white text looks on a background with the Hex color 2F2F2A.

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

2F2F2A

Protanopia

312E2A

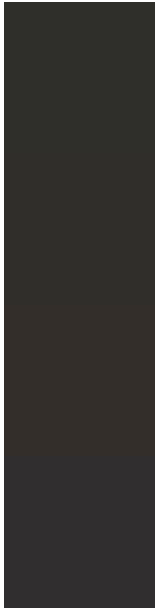
Deuteranopia

352D2A



Tritanopia
302E32

Trichromacy



Original Color

2F2F2A

Protanomaly

302E2A

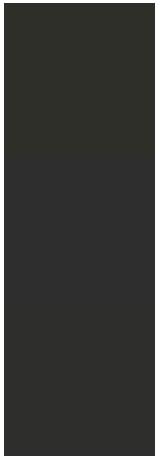
Deuteranomaly

332E2A

Tritanomaly

302E2F

Monochromacy



Original Color

2F2F2A

Achromatopsia

2E2E2E

Achromatomaly

2E2E2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F2F2A 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 #2F2F2A looks like.

```
.text, #text, p{  
    color:#2F2F2A  
}
```

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 #2F2F2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F2F2A
}
```

Border

The CSS property to change the border of an element to Hex 2F2F2A is called "border". The border property can be set on classes, ids or directly on the HTML element.

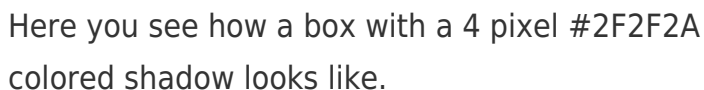
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F2F2A }
```

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

```
.border{ border-color:#2F2F2A }
```

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



Here you see how a box with a 4 pixel #2F2F2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F2F2A; -webkit-box-shadow:4px 4px  
4px 4px #2F2F2A; box-shadow:4px 4px 4px  
4px #2F2F2A }
```

Background

The CSS property to change the background color of an element to Hex 2F2F2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F2F2A }
```

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

```
.background{ background-color:#2F2F2A }
```

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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