

Converting Colors

Hex(2F281C)

Have a look what the booklet for
Hex(2F281C) contains.

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Color

Hex(2F281C)

Conversions

Conversions Part 1

Format	Color
Hex	2F281C
RGB	47, 40, 28
RGB Percent	18%, 16%, 11%
CMY	0.8157, 0.8431, 0.8902
CMYK	0.00, 0.15, 0.40, 0.82
HSL	38°, 25%, 15%
HSV	38°, 40%, 18%
XYZ	2.1407, 2.2058, 1.4115
YIQ	40.7250, 8.0240, -2.2480

Conversions

Conversions Part 2

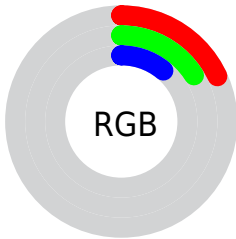
Format	Color
RYB	39, 47, 28
Decimal	3090460
CIELab	16.53, 0.98, 9.11
CIElCh	17, 9.159, 83.870
Yxy	2.2058, 0.3718, 0.3831
Android (android.graphics.Color)	4281280540 (0xFF2F281C)
YUV	40.7250, -6.2734, 5.5032
Hunter-Lab	14.8518, -0.2624, 4.7613

Details

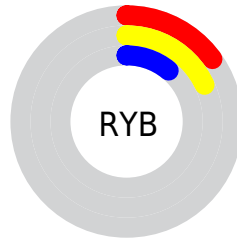
The Hex color **2F281C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1C232F**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **5D5547**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2F2617**, and if you desaturate by 10%, it is **2F2A21**.

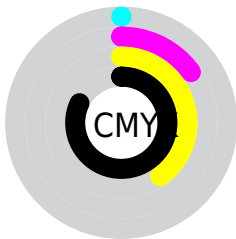
Distribution



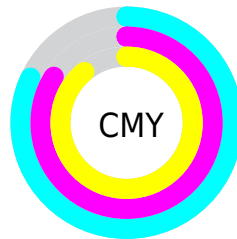
- Red (18%)
- Green (16%)
- Blue (11%)



- Red (15%)
- Yellow (18%)
- Blue (11%)



- Cyan (0%)
- Magenta (15%)
- Yellow (40%)
- Black (82%)



- Cyan (82%)
- Magenta (84%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F281C 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 2F281C by changing the saturation by 10% instead.

■ 2F281C

■ 2F281C

FFFFFF

■ 1B1302

■ 5D5547

■ 000000

■ 766D5F

■ 908678

■ AAA192

■ C6BCAC

■ E2D7C7

■ FFF4E4

■ 2F281C

■ 2F281C

■ 2F2617

■ 2F2A21

■ 2F2513

■ 2F2B25

■ 2F230E

■ 2F2D2A

■ 2F2109

■ 2F2F2F

■ 2F1F05

■ 2F3134

■ 2F1E00

■ 2F3238

■ 2F343D

■ 2F3642

■ 2F3846

Harmonies

Analogous

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



34261F



2F281C



282A1D

Triad

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



2F281C



162C2E



302631

Complementary

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



2F281C



1C232F

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.



282835



2F281C



182C33

Square

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



2F281C



1A2D27



1F2A36



35242A

Rectangle

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



2F281C



232B1F



1F2A36



2E2632

Sweetspot

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



2F281C



3D3A36



2F1C23



1F1D1A



9E9E9E



1F1F1F

Same Dimension

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



2F281C



3D321F



2D2F1C



171615



573700



D68700

Inverse Universe

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



1C232F



1F2A3D



1E1C2F



151617



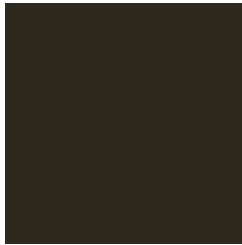
002057



004FD6

Previews

White Background



This preview shows how the Hex color 2F281C looks on a white background.

Color Contrast Check

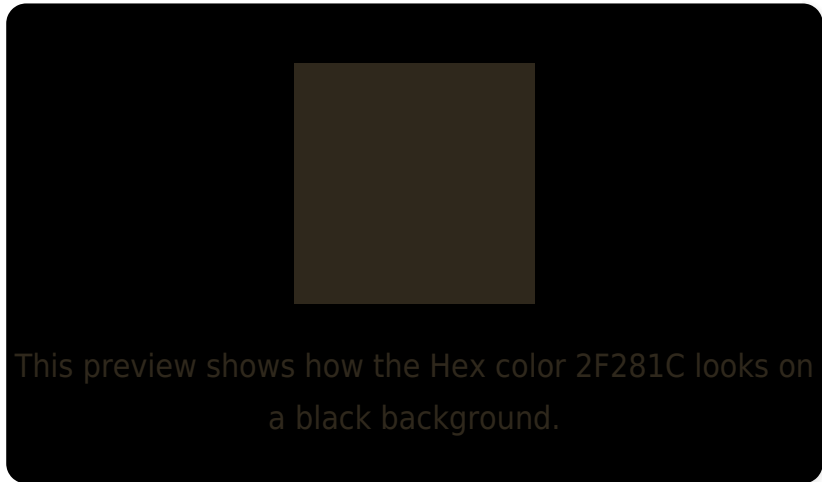
Large Text (above 18pt) WCAG AA ✓ Pass

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

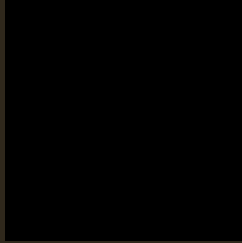
Any Text WCAG AA × Fail

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 2F281C Background



This preview shows how black text looks on a background with the Hex color 2F281C.

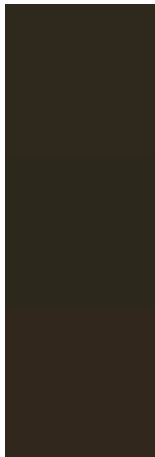


This preview shows how white text looks on a background with the Hex color 2F281C.

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](#).

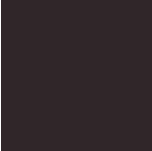
Dichromacy



Original Color
2F281C

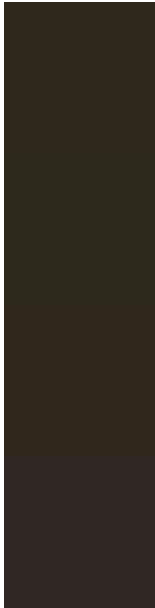
Protanopia
2C291C

Deuteranopia
31271C



Tritanopia
302629

Trichromacy



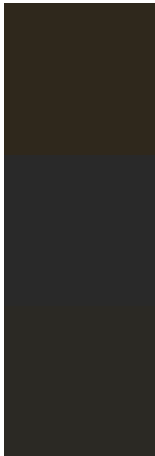
Original Color
2F281C

Protanomaly
2D291C

Deuteranomaly
30271C

Tritanomaly
302724

Monochromacy



Original Color
2F281C

Achromatopsia
292929

Achromatomaly
2B2924

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F281C 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 #2F281C looks like.

```
.text, #text, p{  
    color:#2F281C  
}
```

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 #2F281C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F281C
}
```

Border

The CSS property to change the border of an element to Hex 2F281C 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
#2F281C }
```

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

```
.border{ border-color:#2F281C }
```

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

Here you see how a box with a 4 pixel #2F281C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F281C; -webkit-box-shadow:4px 4px  
4px 4px #2F281C; box-shadow:4px 4px 4px  
4px #2F281C }
```

Background

The CSS property to change the background color of an element to Hex 2F281C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F281C }
```

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

```
.background{ background-color:#2F281C }
```

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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