

Converting Colors

Hex(2F251E)

Have a look what the booklet for
Hex(2F251E) contains.

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Color

Hex(2F251E)

Conversions

Conversions Part 1

Format	Color
Hex	2F251E
RGB	47, 37, 30
RGB Percent	18%, 15%, 12%
CMY	0.8157, 0.8549, 0.8824
CMYK	0.00, 0.21, 0.36, 0.82
HSL	25°, 22%, 15%
HSV	25°, 36%, 18%
XYZ	2.0682, 2.0212, 1.5094
YIQ	39.1920, 8.2070, -0.0570

Conversions

Conversions Part 2

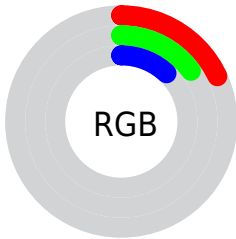
Format	Color
RYB	47, 42, 30
Decimal	3089694
CIELab	15.60, 3.39, 6.43
CIELCh	16, 7.274, 62.210
Yxy	2.0212, 0.3694, 0.3610
Android (android.graphics.Color)	4281279774 (0xFF2F251E)
YUV	39.1920, -4.5317, 6.8476
Hunter-Lab	14.2169, 1.0876, 3.6570

Details

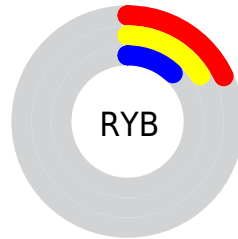
The Hex color **2F251E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1E282F**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **5D524A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2F2219**, and if you desaturate by 10%, it is **2F2823**.

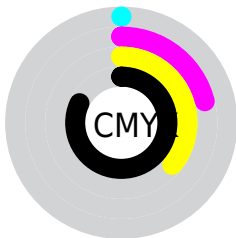
Distribution



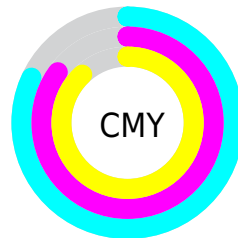
- Red (18%)
- Green (15%)
- Blue (12%)



- Red (18%)
- Yellow (16%)
- Blue (12%)



- Cyan (0%)
- Magenta (21%)
- Yellow (36%)
- Black (82%)



- Cyan (82%)
- Magenta (85%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F251E 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 2F251E by changing the saturation by 10% instead.

■ 2F251E

■ 2F251E

FFFFFF

■ 1B1005

■ 5D524A

■ 000000

■ 766A61

■ 90837A

■ AA9D94

■ C6B8AF

■ E2D3CA

■ FFF0E6

■ 2F251E

■ 2F251E

■ 2F2219

■ 2F2823

■ 2F1F15

■ 2F2B27

■ 2F1D10

■ 2F2D2C

■ 2F1A0B

■ 2F3031

■ 2F1707

■ 2F3336

■ 2F1402

■ 2F363A

■ 2F1300

■ 2F383F

■ 2F3B44

■ 2F3E48

Harmonies

Analogous

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



312422



2F251E



2B271D

Triad

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



2F251E



1A2A27



282530

Complementary

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



2F251E



1E282F

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.



212731



2F251E



192A2C

Square

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



2F251E



1F2922



1C2930



2E242C

Rectangle

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



2F251E



27281D



1C2930



262630

Sweetspot

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



2F251E



3D3936



2F1E28



1F1C1B



9E9E9E



1F1F1F

Same Dimension

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



2F251E



3D2E23



2F2D1E



171615



572400



D65800

Inverse Universe

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



1E282F



23323D



1E202F



151617



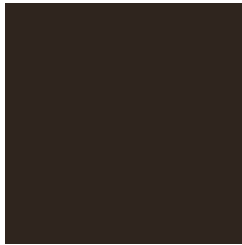
003357



007ED6

Previews

White Background



This preview shows how the Hex color 2F251E looks on a white background.

Color Contrast Check

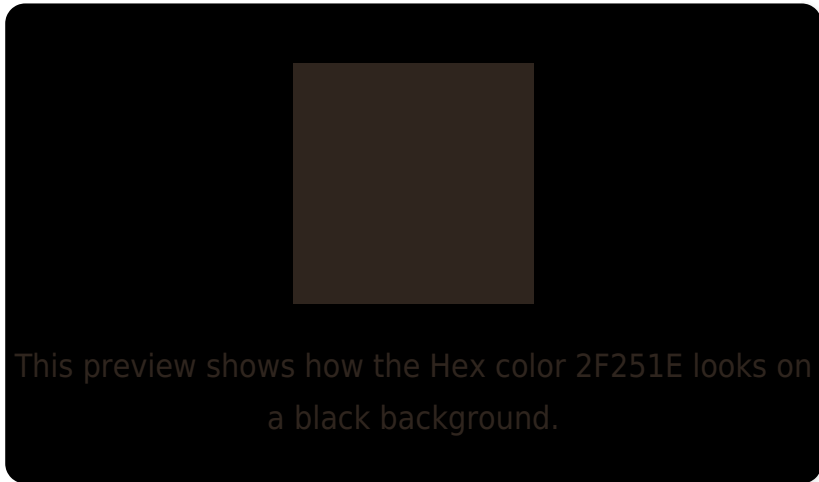
Large Text (above 18pt) WCAG AA ✓ Pass

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

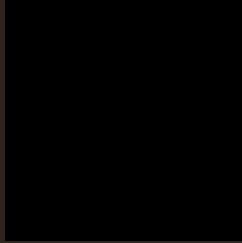
Any Text WCAG AA × Fail

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 2F251E Background



This preview shows how black text looks on a background with the Hex color 2F251E.

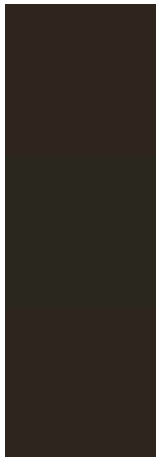


This preview shows how white text looks on a background with the Hex color 2F251E.

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
2F251E

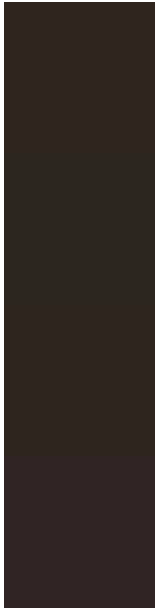
Protanopia
2A271F

Deuteranopia
2E251E



Tritanopia
302427

Trichromacy



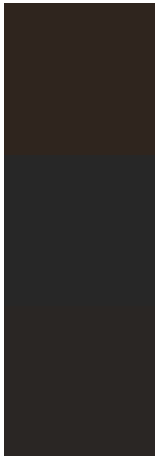
Original Color
2F251E

Protanomaly
2C261F

Deuteranomaly
2E251E

Tritanomaly
302424

Monochromacy



Original Color
2F251E

Achromatopsia
272727

Achromatomaly
2A2624

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F251E 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 #2F251E looks like.

```
.text, #text, p{  
    color:#2F251E  
}
```

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 #2F251E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F251E
}
```

Border

The CSS property to change the border of an element to Hex 2F251E is called "border". The border property can be set on classes, ids or directly on the HTML element.

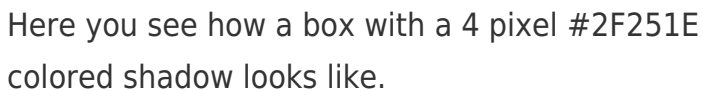
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F251E }
```

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

```
.border{ border-color:#2F251E }
```

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



Here you see how a box with a 4 pixel #2F251E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F251E; -webkit-box-shadow:4px 4px  
4px 4px #2F251E; box-shadow:4px 4px 4px  
4px #2F251E }
```

Background

The CSS property to change the background color of an element to Hex 2F251E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F251E }
```

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

```
.background{ background-color:#2F251E }
```

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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