

Converting Colors

Hex(2F2B28)

Have a look what the booklet for
Hex(2F2B28) contains.

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Color

Hex(2F2B28)

Conversions

Conversions Part 1

Format	Color
Hex	2F2B28
RGB	47, 43, 40
RGB Percent	18%, 17%, 16%
CMY	0.8157, 0.8314, 0.8431
CMYK	0.00, 0.09, 0.15, 0.82
HSL	26°, 8%, 17%
HSV	26°, 15%, 18%
XYZ	2.4192, 2.4853, 2.3597
YIQ	43.8540, 3.3470, -0.0850

Conversions

Conversions Part 2

Format	Color
RYB	47, 45, 40
Decimal	3091240
CIELab	17.85, 1.16, 2.60
CIELCh	18, 2.853, 65.925
Yxy	2.4853, 0.3330, 0.3421
Android (android.graphics.Color)	4281281320 (0xFF2F2B28)
YUV	43.8540, -1.9000, 2.7590
Hunter-Lab	15.7648, -0.1969, 2.1608

Details

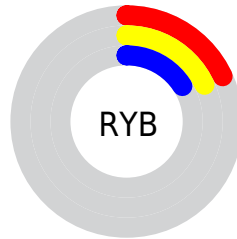
The Hex color **2F2B28** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **282C2F**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **5D5855**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2F2823**, and if you desaturate by 10%, it is **2F2E2D**.

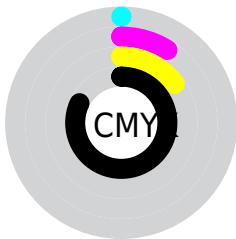
Distribution



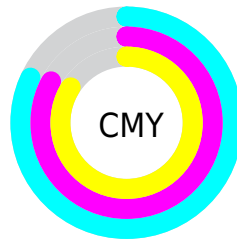
- Red (18%)
- Green (17%)
- Blue (16%)



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



- Cyan (0%)
- Magenta (9%)
- Yellow (15%)
- Black (82%)



- Cyan (82%)
- Magenta (83%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F2B28 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 2F2B28 by changing the saturation by 10% instead.

■ 2F2B28

■ 2F2B28

FFFFFF

■ 1A1714

■ 5D5855

■ 000000

■ 76716D

■ 8F8A86

■ AAA4A1

■ C5C0BC

■ E1DBD7

■ FDF8F4

■ 2F2B28

■ 2F2B28

■ 2F2823

■ 2F2E2D

■ 2F261F

■ 2F3031

■ 2F231A

■ 2F3336

■ 2F2015

■ 2F363B

■ 2F1E11

■ 2F3840

■ 2F1B0C

■ 2F3B44

■ 2F1807

■ 2F3E49

■ 2F1602

■ 2F404E

■ 2F1400

■ 2F4352

Harmonies

Analogous

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



302B29



2F2B28



2D2C28

Triad

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



2F2B28



272D2C



2D2B2F

Complementary

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



2F2B28



282C2F

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.



2A2C30



2F2B28



272D2E

Square

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



2F2B28



282D2A



282C2F



2F2B2D

Rectangle

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



2F2B28



2B2C28



282C2F



2C2B2F

Sweetspot

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



2F2B28



3D3C3B



2F282C



1F1E1D



9E9E9E



1F1F1F

Same Dimension

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



2F2B28



3D3732



2F2E28



171615



572500



D65C00

Inverse Universe

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



282C2F



32383D



28292F



151617



003257



007AD6

Previews

White Background



This preview shows how the Hex color 2F2B28 looks on a white background.

Color Contrast Check

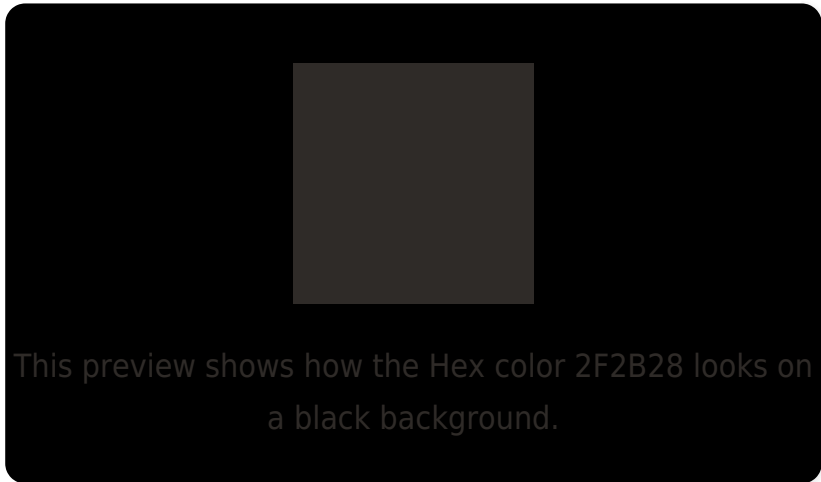
Large Text (above 18pt) WCAG AA ✓ Pass

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

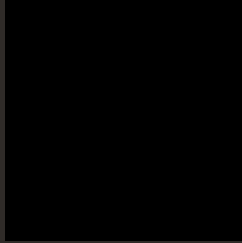
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

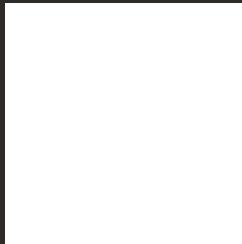
Any Text WCAG AAA × Fail

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

Hex 2F2B28 Background



This preview shows how black text looks on a background with the Hex color 2F2B28.

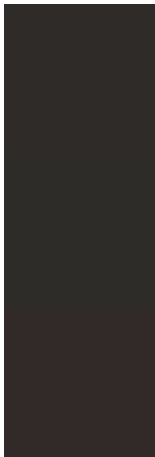


This preview shows how white text looks on a background with the Hex color 2F2B28.

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

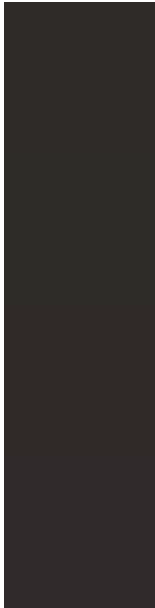


Original Color
2F2B28

Protanopia
2D2C28

Deuteranopia
312A28

Trichromacy



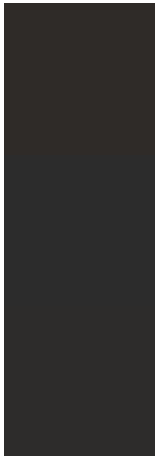
Original Color
2F2B28

Protanomaly
2E2C28

Deuteranomaly
302A28

Tritanomaly
302A2B

Monochromacy



Original Color
2F2B28

Achromatopsia
2C2C2C

Achromatomaly
2D2C2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F2B28 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 #2F2B28 looks like.

```
.text, #text, p{  
    color:#2F2B28  
}
```

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 #2F2B28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F2B28
}
```

Border

The CSS property to change the border of an element to Hex 2F2B28 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
#2F2B28 }
```

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

```
.border{ border-color:#2F2B28 }
```

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

Here you see how a box with a 4 pixel #2F2B28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F2B28; -webkit-box-shadow:4px 4px  
4px 4px #2F2B28; box-shadow:4px 4px 4px  
4px #2F2B28 }
```

Background

The CSS property to change the background color of an element to Hex 2F2B28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F2B28 }
```

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

```
.background{ background-color:#2F2B28 }
```

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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