

# Converting Colors

Hex(2F2C2B)

Have a look what the booklet for  
Hex(2F2C2B) contains.

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# Color

Hex(2F2C2B)

# Conversions

## Conversions Part 1

Format	Color
Hex	2F2C2B
RGB	47, 44, 43
RGB Percent	18%, 17%, 17%
CMY	0.8157, 0.8275, 0.8314
CMYK	0.00, 0.06, 0.09, 0.82
HSL	15°, 4%, 18%
HSV	15°, 9%, 18%
XYZ	2.5090, 2.5801, 2.6513
YIQ	44.7830, 2.1090, 0.3250

# Conversions

## Conversions Part 2

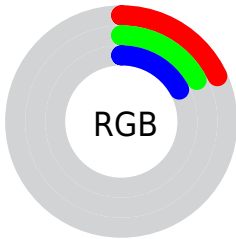
<b>Format</b>	<b>Color</b>
<b>RYB</b>	47, 44, 43
Decimal	3091499
CIELab	18.28, 1.13, 1.13
CIElCh	18, 1.598, 44.996
Yxy	2.5801, 0.3241, 0.3333
Android (android.graphics.Color)	4281281579 (0xFF2F2C2B)
YUV	44.7830, -0.8790, 1.9443
Hunter-Lab	16.0628, -0.2279, 1.4577

# Details

The Hex color **2F2C2B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2B2E2F**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **5D5958**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2F2826**, and if you desaturate by 10%, it is **2F3030**.

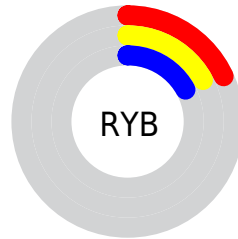
# Distribution



Red (18%)

Green (17%)

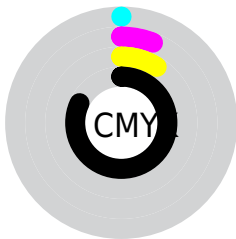
Blue (17%)



Red (18%)

Yellow (17%)

Blue (17%)

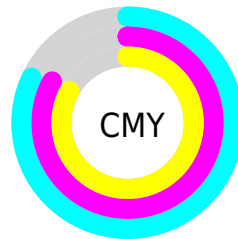


Cyan (0%)

Magenta (6%)

Yellow (9%)

Black (82%)



Cyan (82%)

Magenta (83%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2F2C2B 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 2F2C2B by changing the saturation by 10% instead.





2F2C2B



2F2C2B

FFFFFF



1A1817



5D5958



000000



757271



8F8B8A



AAA6A4



C5C1C0



E1DDDB



FDF9F8



2F2C2B



2F2C2B

■ 2F2826

■ 2F3030

■ 2F2522

■ 2F3334

■ 2F211D

■ 2F3739

■ 2F1E18

■ 2F3A3E

■ 2F1A14

■ 2F3E43

■ 2F170F

■ 2F4147

■ 2F130A

■ 2F454C

■ 2F1005

■ 2F4851

■ 2F0C01

■ 2F4C55

# Harmonies

## Analogous

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



2F2C2C



2F2C2B



2E2C2A

# Triad

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



2F2C2B



2A2D2C



2C2C2F

# Complementary

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



2F2C2B



2B2E2F

# 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.



2B2D2F



2F2C2B



2A2D2D

# Square

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



2F2C2B



2C2D2B



2A2D2E



2E2C2E

# Rectangle

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



2F2C2B



2D2D2A



2A2D2E



2C2D2F



# Sweetspot

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



2F2C2B



3D3C3B



2F2B2E



1F1E1D



9E9E9E



1F1F1F



# Same Dimension

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



2F2C2B



3D3937



2F2E2B



171515



571600



D63600



# Inverse Universe

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



2B2E2F



373C3D



2B2C2F



151617



004157



00A1D6



# Previews

## White Background



This preview shows how the Hex color 2F2C2B looks on a white background.

## Color Contrast Check

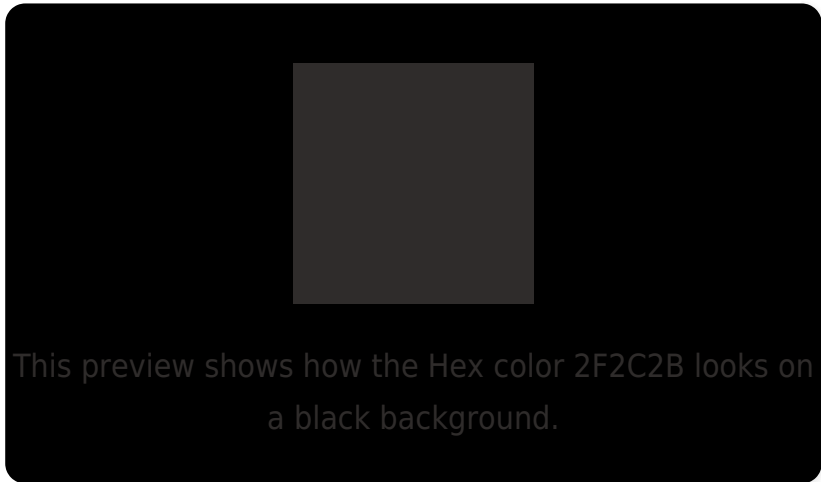
Large Text (above 18pt) WCAG AA ✓ Pass

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

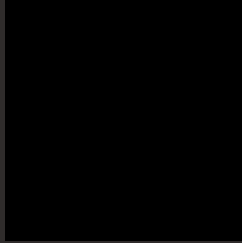
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

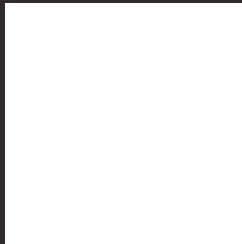
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2F2C2B Background



This preview shows how black text looks on a background with the Hex color 2F2C2B.

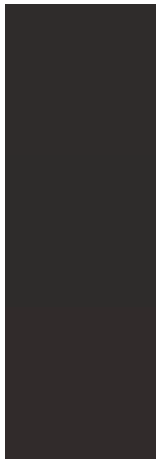


This preview shows how white text looks on a background with the Hex color 2F2C2B.

# 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**  
2F2C2B

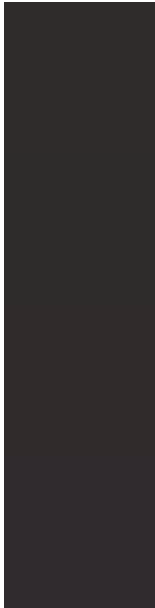
**Protanopia**  
2E2C2B

**Deuteranopia**  
312B2B



**Tritanopia**  
302B2F

# Trichromacy



**Original Color**

2F2C2B

**Protanomaly**

2E2C2B

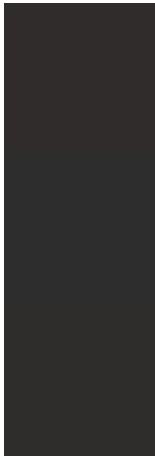
**Deuteranomaly**

302B2B

**Tritanomaly**

302B2E

# Monochromacy



**Original Color**

2F2C2B

**Achromatopsia**

2D2D2D

**Achromatomaly**

2E2D2C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2F2C2B 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 #2F2C2B looks like.

```
.text, #text, p{  
    color:#2F2C2B  
}
```

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 #2F2C2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F2C2B
}
```

## Border

The CSS property to change the border of an element to Hex 2F2C2B 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
#2F2C2B }
```

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

```
.border{ border-color:#2F2C2B }
```

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

Here you see how a box with a 4 pixel #2F2C2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F2C2B; -webkit-box-shadow:4px 4px  
4px 4px #2F2C2B; box-shadow:4px 4px 4px  
4px #2F2C2B }
```

# Background

The CSS property to change the background color of an element to Hex 2F2C2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F2C2B }
```

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

```
.background{ background-color:#2F2C2B }
```

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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