

# Converting Colors

Hex(2F352C)

Have a look what the booklet for  
Hex(2F352C) contains.

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# Color

Hex(2F352C)

# Conversions

## Conversions Part 1

Format	Color
Hex	2F352C
RGB	47, 53, 44
RGB Percent	18%, 21%, 17%
CMY	0.8157, 0.7922, 0.8275
CMYK	0.11, 0.00, 0.17, 0.79
HSL	100°, 9%, 19%
HSV	100°, 17%, 21%
XYZ	2.9000, 3.3324, 2.8732
YIQ	50.1800, -0.6870, -4.0710

# Conversions

## Conversions Part 2

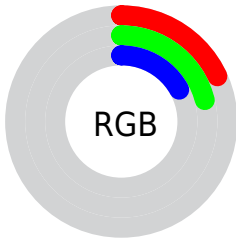
<b>Format</b>	<b>Color</b>
<b>RYB</b>	44, 53, 50
Decimal	3093804
CIELab	21.33, -4.66, 4.82
CIElCh	21, 6.702, 134.056
Yxy	3.3324, 0.3185, 0.3660
Android (android.graphics.Color)	4281283884 (0xFF2F352C)
YUV	50.1800, -3.0467, -2.7889
Hunter-Lab	18.2548, -3.5890, 3.4464

# Details

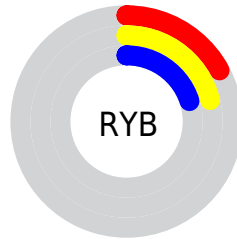
The Hex color **2F352C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **322C35**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **5D6459**, and **000800** is the 20% darker color. If you saturate the color by 10%, you get **2B3527**, and if you desaturate by 10%, it is **333531**.

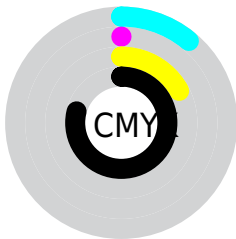
# Distribution



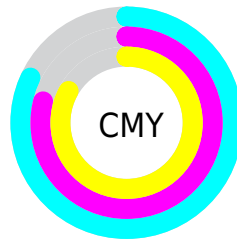
- Red (18%)
- Green (21%)
- Blue (17%)



- Red (17%)
- Yellow (21%)
- Blue (20%)



- Cyan (11%)
- Magenta (0%)
- Yellow (17%)
- Black (79%)



- Cyan (82%)
- Magenta (79%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2F352C 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 2F352C by changing the saturation by 10% instead.





2F352C



2F352C

FFFFFF



1A2017



5D6459



000800



767C72



000000



8F968B



AAB1A6



C5CCC1



E1E9DD



FDFFF9



2F352C



2F352C

■ 2B3527

■ 333531

■ 283521

■ 363537

■ 24351C

■ 3A353C

■ 213517

■ 3D3541

■ 1D3511

■ 413546

■ 1A350C

■ 44354C

■ 163507

■ 483551

■ 133502

■ 4B3556

■ 123500

■ 4F355C

# Harmonies

## Analogous

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



35342A



2F352C



2A3630

# Triad

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



2F352C



2B343D



3E3031

# Complementary

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



2F352C



322C35

# 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.



3C3036



2F352C



31333D

# Square

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



2F352C



27363A



37313A



3D312D

# Rectangle

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



2F352C



273634



37313A



3D3033



# Sweetspot

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



2F352C



434541



35322C



222422



A3A3A3



242424



# Same Dimension

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



2F352C



3C4537



2C352E



181A17



1E5900



48D900



# Inverse Universe

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



322C35



403745



352C33



19171A



3C0059

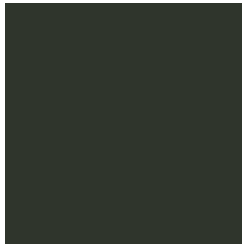


9100D9



# Previews

## White Background



This preview shows how the Hex color 2F352C looks on a white background.

## Color Contrast Check

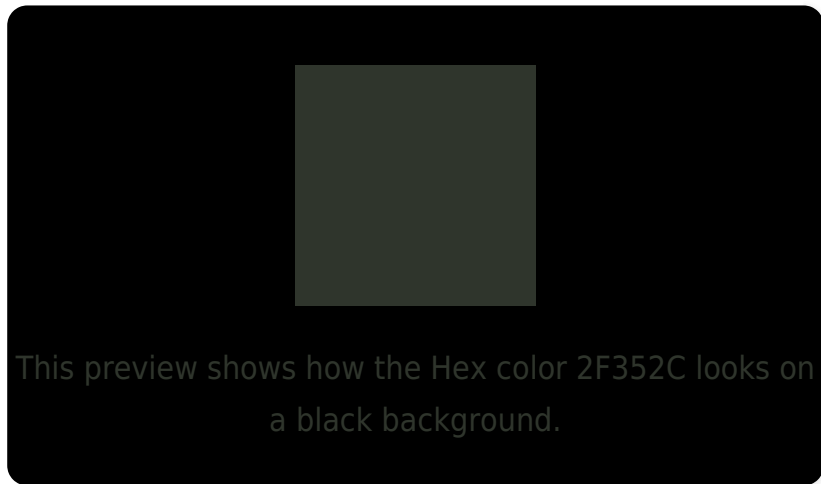
Large Text (above 18pt) WCAG AA ✓ Pass

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

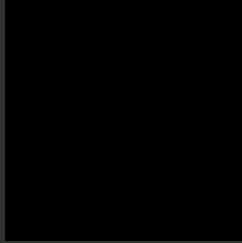
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2F352C Background



This preview shows how black text looks on a background with the Hex color 2F352C.

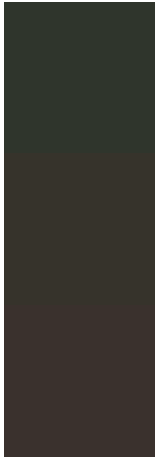


This preview shows how white text looks on a background with the Hex color 2F352C.

# 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](#).

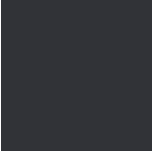
## Dichromacy



**Original Color**  
2F352C

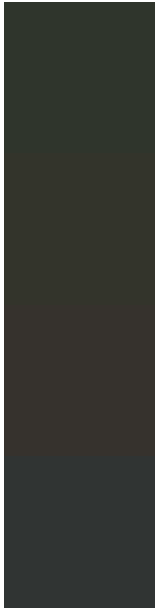
**Protanopia**  
36332B

**Deuteranopia**  
3A312D



**Tritanopia**  
313337

# Trichromacy



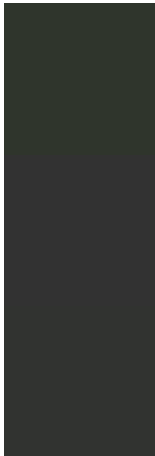
**Original Color**  
2F352C

**Protanomaly**  
33342B

**Deuteranomaly**  
36322D

**Tritanomaly**  
303433

# Monochromacy



**Original Color**  
2F352C

**Achromatopsia**  
323232

**Achromatomaly**  
313330

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2F352C 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 #2F352C looks like.

```
.text, #text, p{  
    color:#2F352C  
}
```

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 #2F352C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F352C
}
```

## Border

The CSS property to change the border of an element to Hex 2F352C is called "border". The border property can be set on classes, ids or directly on the HTML element.

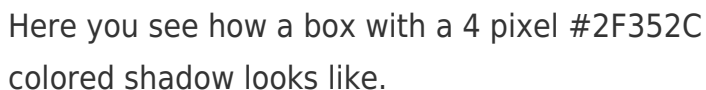
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F352C }
```

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

```
.border{ border-color:#2F352C }
```

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



Here you see how a box with a 4 pixel #2F352C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F352C; -webkit-box-shadow:4px 4px  
4px 4px #2F352C; box-shadow:4px 4px 4px  
4px #2F352C }
```

# Background

The CSS property to change the background color of an element to Hex 2F352C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F352C }
```

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

```
.background{ background-color:#2F352C }
```

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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