

# Converting Colors

Hex(302C3C)

Have a look what the booklet for  
Hex(302C3C) contains.

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# Color

Hex(302C3C)

# Conversions

## Conversions Part 1

| Format      | Color                    |
|-------------|--------------------------|
| Hex         | 302C3C                   |
| RGB         | 48, 44, 60               |
| RGB Percent | 19%, 17%, 24%            |
| CMY         | 0.8118, 0.8275, 0.7647   |
| CMYK        | 0.20, 0.27, 0.00, 0.76   |
| HSL         | 255°, 15%, 20%           |
| HSV         | 255°, 27%, 24%           |
| XYZ         | 2.9352, 2.7560, 4.6522   |
| YIQ         | 47.0200, -2.7520, 5.8240 |

# Conversions

## Conversions Part 2

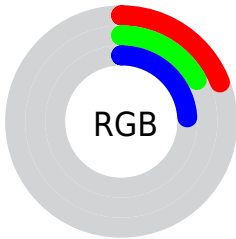
| <b>Format</b>                       | <b>Color</b>                |
|-------------------------------------|-----------------------------|
| <b>RYB</b>                          | 48, 44, 60                  |
| Decimal                             | 3157052                     |
| CIELab                              | 19.04, 5.84, -9.51          |
| CIELCh                              | 19, 11.157, 301.558         |
| Yxy                                 | 2.7560, 0.2838,<br>0.2664   |
| Android<br>(android.graphics.Color) | 4281347132<br>(0xFF302C3C)  |
| YUV                                 | 47.0200, 6.3991,<br>0.8595  |
| Hunter-Lab                          | 16.6012, 2.5082,<br>-4.9943 |

# Details

The Hex color **302C3C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **383C2C**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **5E596B**, and **000011** is the 20% darker color. If you saturate the color by 10%, you get **2B263C**, and if you desaturate by 10%, it is **34323C**.

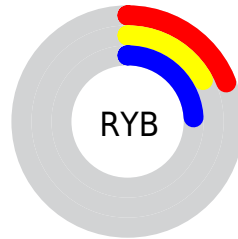
# Distribution



 Red (19%)

 Green (17%)

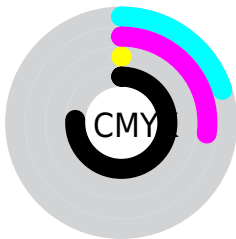
 Blue (24%)



 Red (19%)

 Yellow (17%)

 Blue (24%)

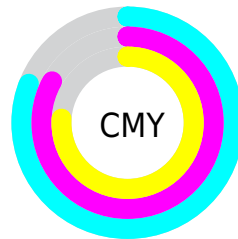


 Cyan (20%)

 Magenta (27%)

 Yellow (0%)

 Black (76%)



 Cyan (81%)

 Magenta (83%)

 Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 302C3C 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 302C3C by changing the saturation by 10% instead.





302C3C



302C3C

FFFFFF



1B1726



5E596B



000011



777285



000000



918B9F



ABA6BA



C7C1D5



E3DDF2



FFF9FF



302C3C



302C3C

■ 2B263C

■ 34323C

■ 27203C

■ 39383C

■ 221A3C

■ 3D3E3C

■ 1E143C

■ 42443C

■ 190E3C

■ 464A3C

■ 15083C

■ 4B503C

■ 10023C

■ 4F563C

■ 0F003C

■ 545C3C

■ 59623C

# Harmonies

## Analogous

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



252F3E



302C3C



392936

# Triad

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



302C3C



3A2B20



19332E

# Complementary

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



302C3C



383C2C

# 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.



223226



302C3C



342E1E

# Square

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



302C3C



3E2926



2B3020



153236

# Rectangle

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



302C3C



3D2831



2B3020



1C332C



# Sweetspot

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



302C3C



4A494F



2C383C



262529



A8A8A8



292929



# Same Dimension

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



302C3C



3C364F



382C3C



1C1C1F



18005E



3700DE



# Inverse Universe

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



3C2C38



4F3649



303C2C



1F1C1E



5E0047

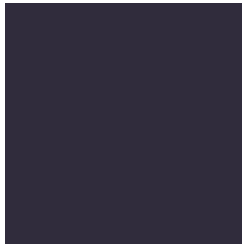


DE00A6



# Previews

## White Background



This preview shows how the Hex color 302C3C looks on a white background.

## Color Contrast Check

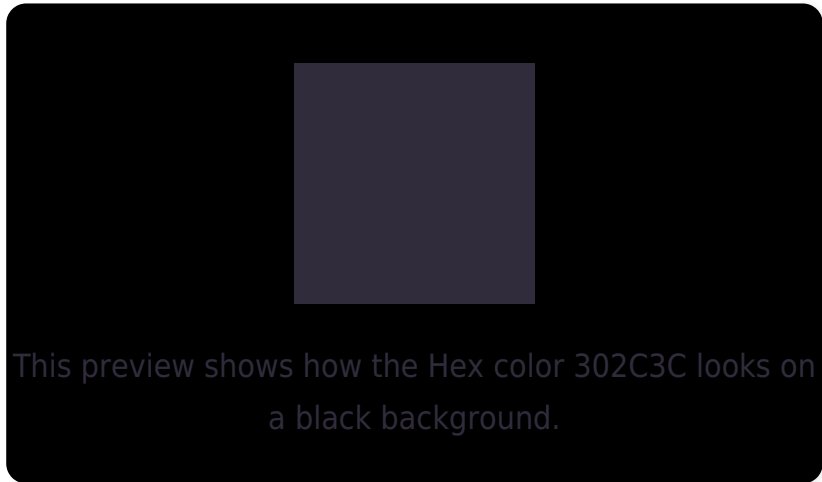
Large Text (above 18pt) WCAG AA ✓ Pass

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

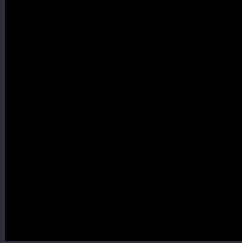
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 302C3C Background



This preview shows how black text looks on a background with the Hex color 302C3C.



This preview shows how white text looks on a background with the Hex color 302C3C.

# 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**  
302C3C

**Protanopia**  
2A2E3D

**Deuteranopia**  
2C2D3C



**Tritanopia**  
2E2E32

# Trichromacy



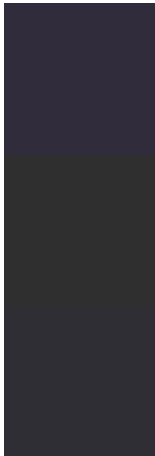
**Original Color**  
302C3C

**Protanomaly**  
2C2D3D

**Deuteranomaly**  
2D2D3C

**Tritanomaly**  
2F2D36

# Monochromacy



**Original Color**  
302C3C

**Achromatopsia**  
2F2F2F

**Achromatomaly**  
2F2E34

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 302C3C 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 #302C3C looks like.

```
.text, #text, p{  
    color:#302C3C  
}
```

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 #302C3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #302C3C
}
```

## Border

The CSS property to change the border of an element to Hex 302C3C is called "border". The border property can be set on classes, ids or directly on the HTML element.

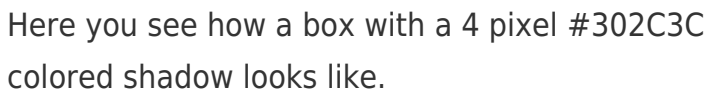
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#302C3C }
```

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

```
.border{ border-color:#302C3C }
```

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



Here you see how a box with a 4 pixel #302C3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #302C3C; -webkit-box-shadow:4px 4px  
4px 4px #302C3C; box-shadow:4px 4px 4px  
4px #302C3C }
```

# Background

The CSS property to change the background color of an element to Hex 302C3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#302C3C }
```

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

```
.background{ background-color:#302C3C }
```

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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