

Converting Colors

Hex(302F3B)

Have a look what the booklet for
Hex(302F3B) contains.

Hex(302F3B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(302F3B)

Conversions

Conversions Part 1

Format	Color
Hex	302F3B
RGB	48, 47, 59
RGB Percent	19%, 18%, 23%
CMY	0.8118, 0.8157, 0.7686
CMYK	0.19, 0.20, 0.00, 0.77
HSL	245°, 11%, 21%
HSV	245°, 20%, 23%
XYZ	3.0249, 2.9772, 4.5529
YIQ	48.6670, -3.2560, 3.9440

Conversions

Conversions Part 2

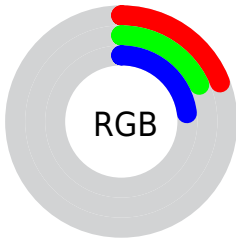
Format	Color
RYB	48, 47, 59
Decimal	3157819
CIELab	19.95, 3.48, -7.43
CIElCh	20, 8.207, 295.114
Yxy	2.9772, 0.2866, 0.2821
Android (android.graphics.Color)	4281347899 (0xFF302F3B)
YUV	48.6670, 5.0942, -0.5850
Hunter-Lab	17.2545, 1.0972, -3.5665

Details

The Hex color **302F3B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3A3B2F**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **5E5D6A**, and **000011** is the 20% darker color. If you saturate the color by 10%, you get **2B293B**, and if you desaturate by 10%, it is **35353B**.

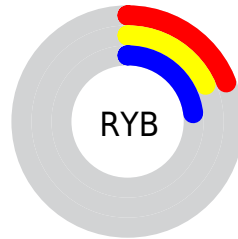
Distribution



Red (19%)

Green (18%)

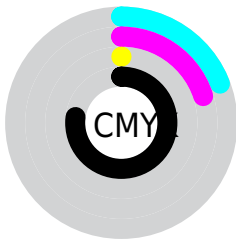
Blue (23%)



Red (19%)

Yellow (18%)

Blue (23%)

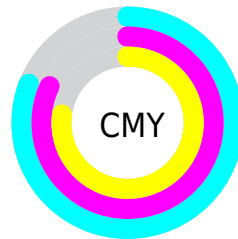


Cyan (19%)

Magenta (20%)

Yellow (0%)

Black (77%)



Cyan (81%)

Magenta (82%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 302F3B 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 302F3B by changing the saturation by 10% instead.



302F3B



302F3B

FFFFFF



1B1A25



5E5D6A



000011



777583



000000



918F9D



ABA9B8



C6C5D4



E2E1F0



FFFDFD



302F3B



302F3B

■ 2B293B

■ 35353B

■ 25233B

■ 3B3B3B

■ 201D3B

■ 40413B

■ 1A173B

■ 46473B

■ 15113B

■ 4B4D3B

■ 100C3B

■ 50523B

■ 0A063B

■ 56583B

■ 05003B

■ 5B5E3B

■ 61643B

Harmonies

Analogous

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



28313C



302F3B



372D37

Triad

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



302F3B



3B2E27



23342F

Complementary

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



302F3B



3A3B2F

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.



293329



302F3B



362F24

Square

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



302F3B



3D2C2B



2F3125



203435

Rectangle

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



302F3B



3A2C33



2F3125



24332D

Sweetspot

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



302F3B



48484D



2F3A3B



242426



A6A6A6



262626

Same Dimension

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



302F3B



3C3A4D



362F3B



1C1C1F



08005E



1200DE

Inverse Universe

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



3B2F3A



4D3A4B



343B2F



1F1C1E



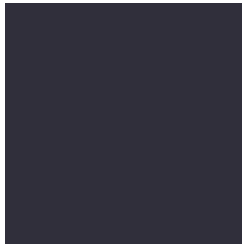
5E0056



DE00CB

Previews

White Background



This preview shows how the Hex color 302F3B looks on a white background.

Color Contrast Check

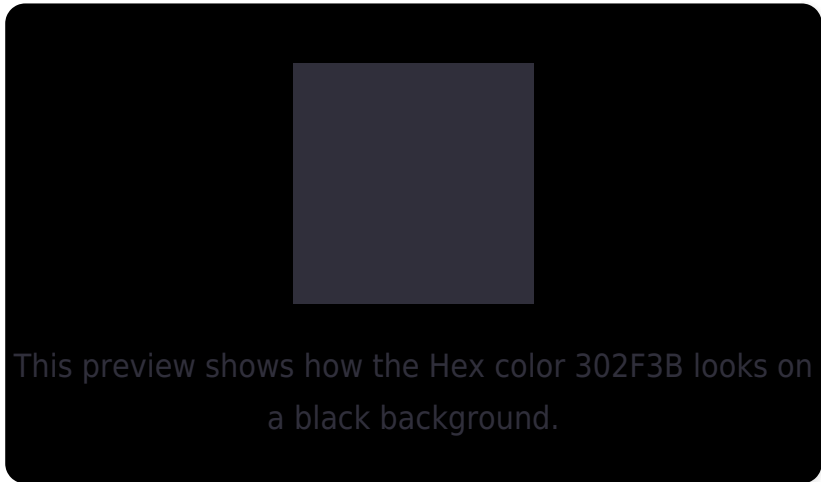
Large Text (above 18pt) WCAG AA ✓ Pass

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

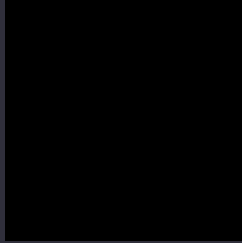
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

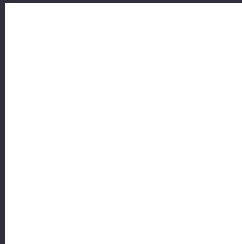
Any Text WCAG AAA × Fail

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

Hex 302F3B Background



This preview shows how black text looks on a background with the Hex color 302F3B.

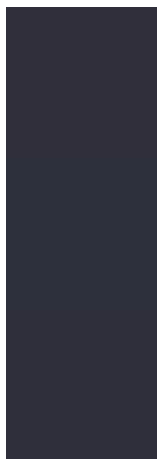


This preview shows how white text looks on a background with the Hex color 302F3B.

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
302F3B

Protanopia
2D303C

Deuteranopia
2F2F3B



Tritanopia
2F3034

Trichromacy



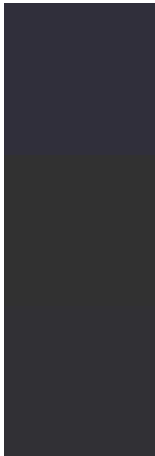
Original Color
302F3B

Protanomaly
2E303C

Deuteranomaly
2F2F3B

Tritanomaly
2F3037

Monochromacy



Original Color
302F3B

Achromatopsia
313131

Achromatomaly
313035

CSS Examples

Text

The CSS property to change the color of the text to Hex 302F3B 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 #302F3B looks like.

```
.text, #text, p{  
    color:#302F3B  
}
```

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 #302F3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #302F3B
}
```

Border

The CSS property to change the border of an element to Hex 302F3B is called "border". The border property can be set on classes, ids or directly on the HTML element.

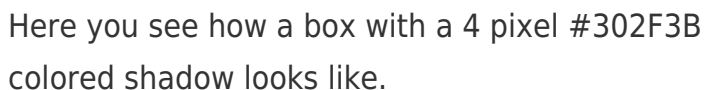
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#302F3B }
```

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

```
.border{ border-color:#302F3B }
```

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



Here you see how a box with a 4 pixel #302F3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #302F3B; -webkit-box-shadow:4px 4px  
4px 4px #302F3B; box-shadow:4px 4px 4px  
4px #302F3B }
```

Background

The CSS property to change the background color of an element to Hex 302F3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#302F3B }
```

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

```
.background{ background-color:#302F3B }
```

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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