

Converting Colors

Hex(302F37)

Have a look what the booklet for
Hex(302F37) contains.

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Color

Hex(302F37)

Conversions

Conversions Part 1

Format	Color
Hex	302F37
RGB	48, 47, 55
RGB Percent	19%, 18%, 22%
CMY	0.8118, 0.8157, 0.7843
CMYK	0.13, 0.15, 0.00, 0.78
HSL	248°, 8%, 20%
HSV	248°, 15%, 22%
XYZ	2.9250, 2.9372, 4.0272
YIQ	48.2110, -1.9720, 2.7000

Conversions

Conversions Part 2

Format	Color
R_YB	48, 47, 55
Decimal	3157815
CIE Lab	19.79, 2.42, -4.93
CIE LCh	20, 5.489, 296.123
Yxy	2.9372, 0.2958, 0.2970
Android (android.graphics.Color)	4281347895 (0xFF302F37)
YUV	48.2110, 3.3470, -0.1850
Hunter-Lab	17.1384, 0.4726, -1.9352

Details

The Hex color **302F37** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **36372F**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **5E5D66**, and **00000B** is the 20% darker color. If you saturate the color by 10%, you get **2B2A37**, and if you desaturate by 10%, it is **353537**.

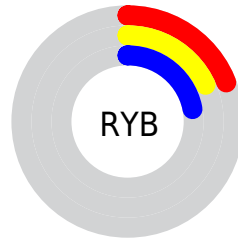
Distribution



Red (19%)

Green (18%)

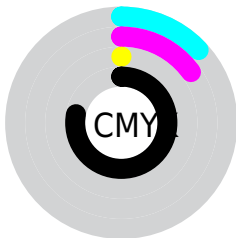
Blue (22%)



Red (19%)

Yellow (18%)

Blue (22%)

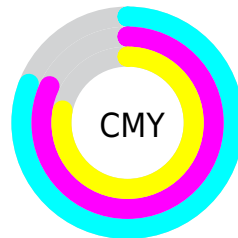


Cyan (13%)

Magenta (15%)

Yellow (0%)

Black (78%)



Cyan (81%)

Magenta (82%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 302F37 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 302F37 by changing the saturation by 10% instead.

■ 302F37

■ 302F37

FFFFFF

■ 1B1A22

■ 5E5D66

■ 00000B

■ 77757F

■ 000000

■ 908F99

■ ABA9B3

■ C6C5CF

■ E2E1EB

■ FFFDFD

■ 302F37

■ 302F37

■ 2B2A37

■ 353537

■ 262437

■ 3A3A37

■ 221E37

■ 3E4037

■ 1D1937

■ 434537

■ 181337

■ 484B37

■ 130E37

■ 4D5037

■ 0E0937

■ 525637

■ 0A0337

■ 575B37

■ 070037

■ 5B6137

Harmonies

Analogous

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



2B3038



302F37



352E34

Triad

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



302F37



372E29



27322F

Complementary

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



302F37



36372F

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.



2B322B



302F37



342F28

Square

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



302F37



382D2C



2F3129



263233

Rectangle

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



302F37



372D32



2F3129



28322E

Sweetspot

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



302F37



454547



2F3637



222224



A3A3A3



242424

Same Dimension

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



302F37



3D3B47



342F37



1A191C



0B005C



1B00DB

Inverse Universe

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



372F36



473B46



32372F



1C191C



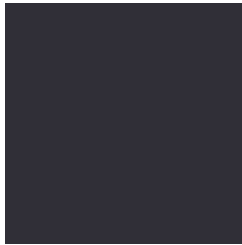
5C0050



DB00C0

Previews

White Background



This preview shows how the Hex color 302F37 looks on a white background.

Color Contrast Check

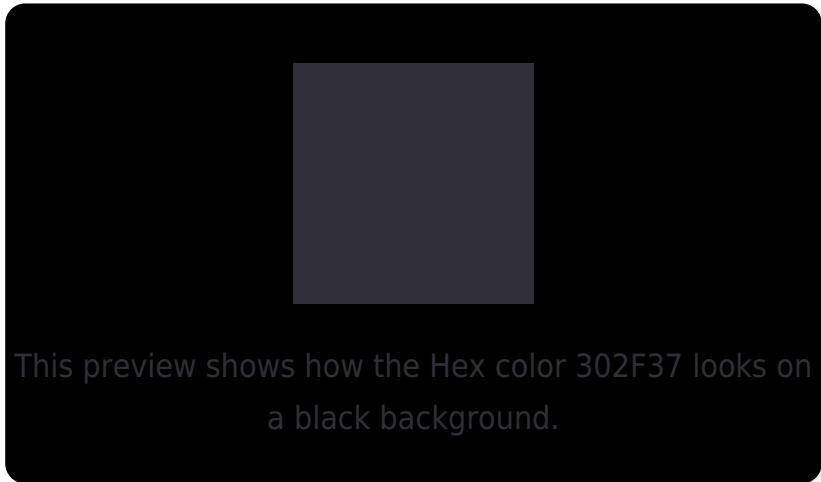
Large Text (above 18pt) WCAG AA ✓ Pass

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

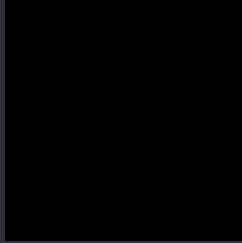
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

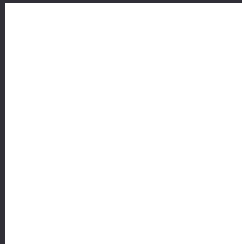
Any Text WCAG AAA × Fail

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

Hex 302F37 Background



This preview shows how black text looks on a background with the Hex color 302F37.



This preview shows how white text looks on a background with the Hex color 302F37.

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
302F37

Protanopia
2E2F37

Deuteranopia
312F37

Trichromacy



Original Color

302F37

Protanomaly

2F2F37

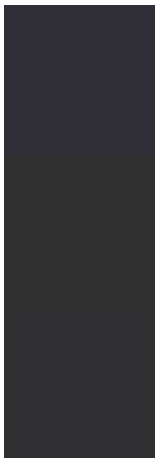
Deuteranomaly

312F37

Tritanomaly

2F3034

Monochromacy



Original Color

302F37

Achromatopsia

303030

Achromatomaly

303033

CSS Examples

Text

The CSS property to change the color of the text to Hex 302F37 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 #302F37 looks like.

```
.text, #text, p{  
    color:#302F37  
}
```

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 #302F37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #302F37
}
```

Border

The CSS property to change the border of an element to Hex 302F37 is called "border". The border property can be set on classes, ids or directly on the HTML element.

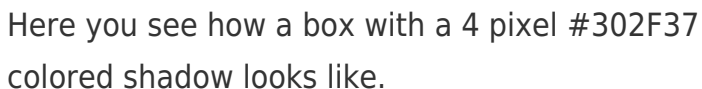
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#302F37 }
```

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

```
.border{ border-color:#302F37 }
```

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



Here you see how a box with a 4 pixel #302F37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #302F37; -webkit-box-shadow:4px 4px  
4px 4px #302F37; box-shadow:4px 4px 4px  
4px #302F37 }
```

Background

The CSS property to change the background color of an element to Hex 302F37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#302F37 }
```

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

```
.background{ background-color:#302F37 }
```

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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