

Converting Colors

Hex(302D3C)

Have a look what the booklet for
Hex(302D3C) contains.

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Color

Hex(302D3C)

Conversions

Conversions Part 1

Format	Color
Hex	302D3C
RGB	48, 45, 60
RGB Percent	19%, 18%, 24%
CMY	0.8118, 0.8235, 0.7647
CMYK	0.20, 0.25, 0.00, 0.76
HSL	252°, 14%, 21%
HSV	252°, 25%, 24%
XYZ	2.9729, 2.8314, 4.6648
YIQ	47.6070, -3.0270, 5.3010

Conversions

Conversions Part 2

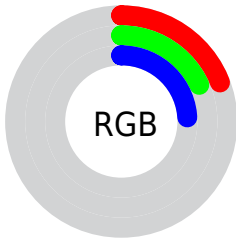
Format	Color
R_{YB}	48, 45, 60
Decimal	3157308
CIE Lab	19.36, 5.14, -9.02
CIE LCh	19, 10.387, 299.680
Yxy	2.8314, 0.2840, 0.2705
Android (android.graphics.Color)	4281347388 (0xFF302D3C)
YUV	47.6070, 6.1097, 0.3447
Hunter-Lab	16.8267, 2.0903, -4.6579

Details

The Hex color **302D3C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **393C2D**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **5E5B6B**, and **000012** is the 20% darker color. If you saturate the color by 10%, you get **2B273C**, and if you desaturate by 10%, it is **35333C**.

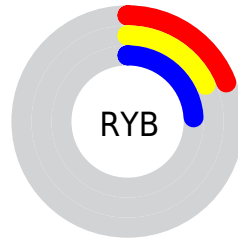
Distribution



Red (19%)

Green (18%)

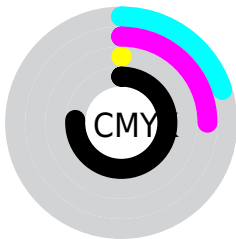
Blue (24%)



Red (19%)

Yellow (18%)

Blue (24%)

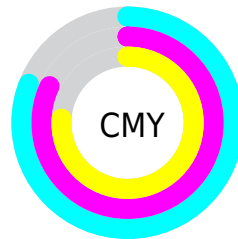


Cyan (20%)

Magenta (25%)

Yellow (0%)

Black (76%)



Cyan (81%)

Magenta (82%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 302D3C 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 302D3C by changing the saturation by 10% instead.

■ 302D3C

■ 302D3C

FFFFFF

■ 1B1826

■ 5E5B6B

■ 000012

■ 777385

■ 000000

■ 918D9F

■ ABA7BA

■ C7C2D5

■ E3DEF2

■ FFFBFF

■ 302D3C

■ 302D3C

■ 2B273C

■ 35333C

■ 26213C

■ 3A393C

■ 221B3C

■ 3E3F3C

■ 1D153C

■ 43453C

■ 180F3C

■ 484B3C

■ 13093C

■ 4D513C

■ 0E033C

■ 52573C

■ 0C003C

■ 565D3C

■ 5B633C

Harmonies

Analogous

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



26303E



302D3C



392B37

Triad

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



302D3C



3B2C22



1C332F

Complementary

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



302D3C



393C2D

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.



243227



302D3C



352E20

Square

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



302D3C



3E2A28



2C3122



193336

Rectangle

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



302D3C



3C2A32



2C3122



1E332C

Sweetspot

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



302D3C



4A494F



2D393C



262529



A8A8A8



292929

Same Dimension

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



302D3C



3C374F



372D3C



1C1C1F



13005E



2C00DE

Inverse Universe

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



3C2D39



4F374A



313C2D



1F1C1E



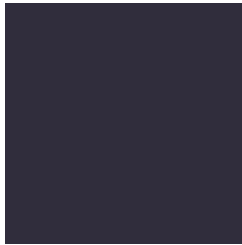
5E004B



DE00B1

Previews

White Background



This preview shows how the Hex color 302D3C looks on a white background.

Color Contrast Check

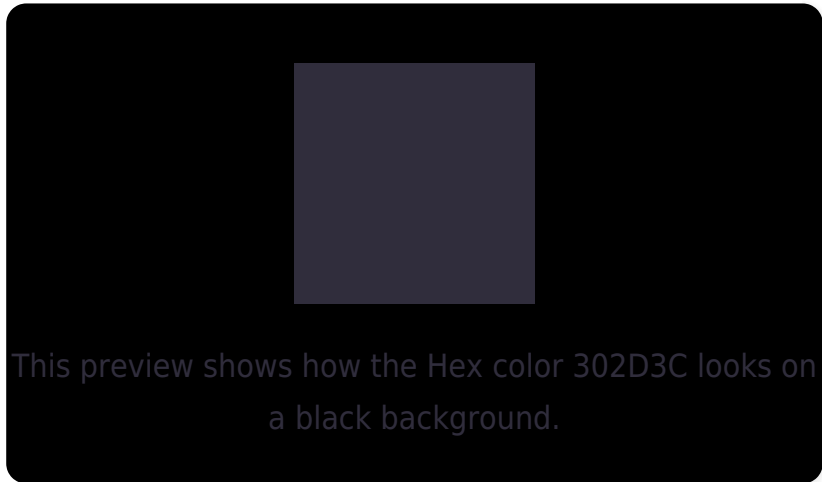
Large Text (above 18pt) WCAG AA ✓ Pass

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

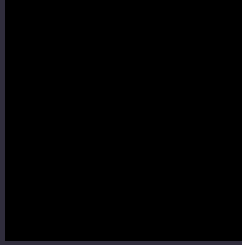
Any Text WCAG AA × Fail

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 302D3C Background



This preview shows how black text looks on a background with the Hex color 302D3C.



This preview shows how white text looks on a background with the Hex color 302D3C.

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
302D3C

Protanopia
2B2E3D

Deuteranopia
2D2E3C



Tritanopia
2E2F32

Trichromacy



Original Color
302D3C

Protanomaly
2D2E3D

Deuteranomaly
2E2E3C

Tritanomaly
2F2E36

Monochromacy



Original Color
302D3C

Achromatopsia
303030

Achromatomaly
302F34

CSS Examples

Text

The CSS property to change the color of the text to Hex 302D3C 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 #302D3C looks like.

```
.text, #text, p{  
    color:#302D3C  
}
```

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 #302D3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #302D3C
}
```

Border

The CSS property to change the border of an element to Hex 302D3C is called "border". The border property can be set on classes, ids or directly on the HTML element.

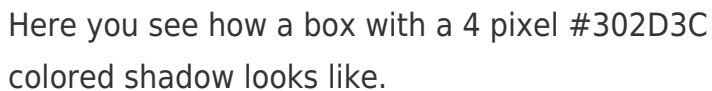
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#302D3C }
```

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

```
.border{ border-color:#302D3C }
```

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



Here you see how a box with a 4 pixel #302D3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #302D3C; -webkit-box-shadow:4px 4px  
4px 4px #302D3C; box-shadow:4px 4px 4px  
4px #302D3C }
```

Background

The CSS property to change the background color of an element to Hex 302D3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#302D3C }
```

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

```
.background{ background-color:#302D3C }
```

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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