

Converting Colors

Hex(302940)

Have a look what the booklet for
Hex(302940) contains.

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Color

Hex(302940)

Conversions

Conversions Part 1

Format	Color
Hex	302940
RGB	48, 41, 64
RGB Percent	19%, 16%, 25%
CMY	0.8118, 0.8392, 0.7490
CMYK	0.25, 0.36, 0.00, 0.75
HSL	258°, 22%, 21%
HSV	258°, 36%, 25%
XYZ	2.9373, 2.5844, 5.1945
YIQ	45.7150, -3.2110, 8.6370

Conversions

Conversions Part 2

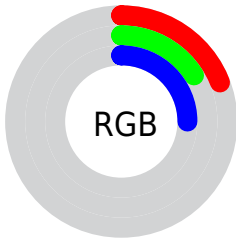
Format	Color
R_YB	48, 41, 64
Decimal	3156288
CIE _{Lab}	18.30, 9.08, -13.41
CIE _{LCh}	18, 16.190, 304.103
Yxy	2.5844, 0.2741, 0.2412
Android (android.graphics.Color)	4281346368 (0xFF302940)
YUV	45.7150, 9.0145, 2.0039
Hunter-Lab	16.0761, 4.4806, -7.9045

Details

The Hex color **302940** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **394029**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **5F5670**, and **000016** is the 20% darker color. If you saturate the color by 10%, you get **2C2340**, and if you desaturate by 10%, it is **342F40**.

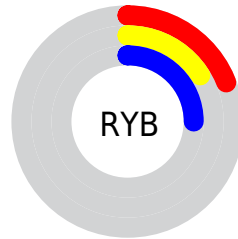
Distribution



 Red (19%)

 Green (16%)

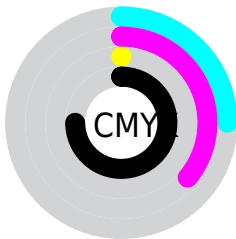
 Blue (25%)



 Red (19%)

 Yellow (16%)

 Blue (25%)

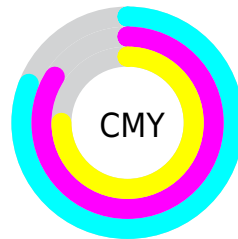


 Cyan (25%)

 Magenta (36%)

 Yellow (0%)

 Black (75%)



 Cyan (81%)

 Magenta (84%)

 Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 302940 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 302940 by changing the saturation by 10% instead.

■ 302940

■ 302940

FFFFFF

■ 1B152A

■ 5F5670

■ 000016

■ 776F89

■ 000000

■ 9188A4

■ ACA2BF

■ C7BDDB

■ E3D9F7

■ FFF5FF

■ 302940

■ 302940

■ 2C2340

■ 342F40

■ 271C40

■ 393640

■ 231640

■ 3D3C40

■ 1E0F40

■ 424340

■ 1A0940

■ 464940

■ 150340

■ 4B4F40

■ 130040

■ 4F5640

■ 545C40

■ 586340

Harmonies

Analogous

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



1E2D44



302940



3D2537

Triad

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



302940



3C2818



05332E

Complementary

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



302940



394029

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.



183222



302940



332C15

Square

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



302940



422520



263019



003239

Rectangle

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



302940



41242F



263019



0C332A

Sweetspot

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



302940



4E4B54



293940



27262B



ABABAB



2B2B2B

Same Dimension

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



302940



3B3054



3B2940



1F1E21



1D0061



4400E0

Inverse Universe

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



402939



543049



2E4029



211E20



610043



E0009C

Previews

White Background



This preview shows how the Hex color 302940 looks on a white background.

Color Contrast Check

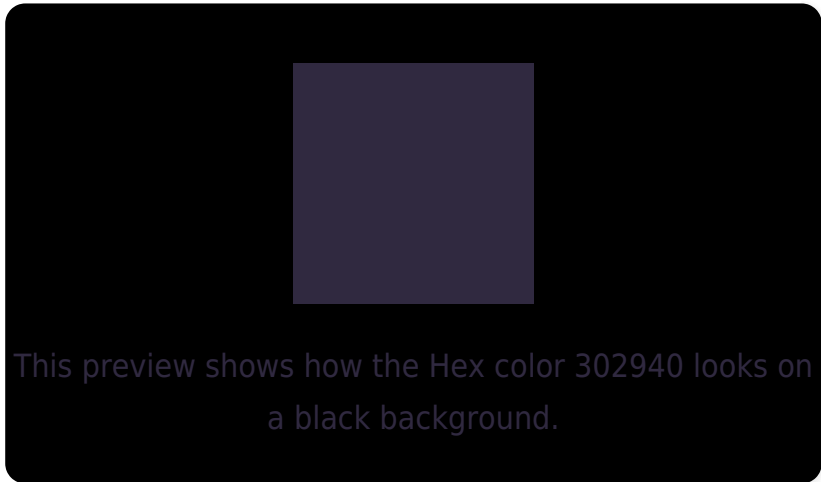
Large Text (above 18pt) WCAG AA ✓ Pass

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

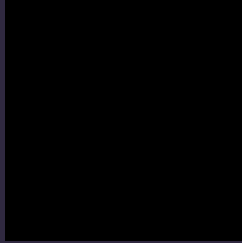
Any Text WCAG AA × Fail

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 302940 Background



This preview shows how black text looks on a background with the Hex color 302940.



This preview shows how white text looks on a background with the Hex color 302940.

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
302940

Protanopia
252C42

Deuteranopia
262C3F



Tritanopia
2D2C30

Trichromacy



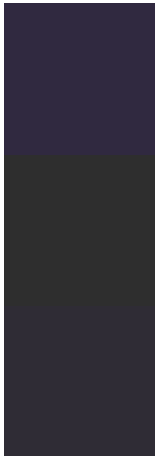
Original Color
302940

Protanomaly
292B41

Deuteranomaly
2A2B3F

Tritanomaly
2E2B36

Monochromacy



Original Color
302940

Achromatopsia
2E2E2E

Achromatomaly
2F2C35

CSS Examples

Text

The CSS property to change the color of the text to Hex 302940 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 #302940 looks like.

```
.text, #text, p{  
    color:#302940  
}
```

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 #302940 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #302940
}
```

Border

The CSS property to change the border of an element to Hex 302940 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
#302940 }
```

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

```
.border{ border-color:#302940 }
```

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

Here you see how a box with a 4 pixel #302940 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #302940; -webkit-box-shadow:4px 4px  
4px 4px #302940; box-shadow:4px 4px 4px  
4px #302940 }
```

Background

The CSS property to change the background color of an element to Hex 302940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#302940 }
```

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

```
.background{ background-color:#302940 }
```

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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