

Converting Colors

Hex(302E33)

Have a look what the booklet for
Hex(302E33) contains.

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Color

Hex(302E33)

Conversions

Conversions Part 1

Format	Color
Hex	302E33
RGB	48, 46, 51
RGB Percent	19%, 18%, 20%
CMY	0.8118, 0.8196, 0.8000
CMYK	0.06, 0.10, 0.00, 0.80
HSL	264°, 5%, 19%
HSV	264°, 10%, 20%
XYZ	2.7935, 2.8214, 3.5293
YIQ	47.1680, -0.4130, 1.9790

Conversions

Conversions Part 2

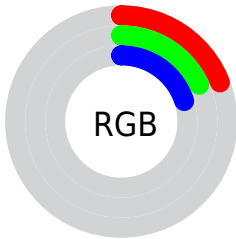
Format	Color
R_{YB}	48, 46, 51
Decimal	3157555
CIE Lab	19.31, 2.09, -2.88
CIE LCh	19, 3.559, 305.904
Yxy	2.8214, 0.3055, 0.3085
Android (android.graphics.Color)	4281347635 (0xFF302E33)
YUV	47.1680, 1.8892, 0.7297
Hunter-Lab	16.7970, 0.2911, -0.6999

Details

The Hex color **302E33** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **31332E**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **5E5C61**, and **000004** is the 20% darker color. If you saturate the color by 10%, you get **2D2933**, and if you desaturate by 10%, it is **333333**.

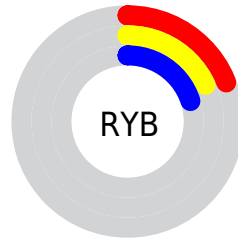
Distribution



 Red (19%)

 Green (18%)

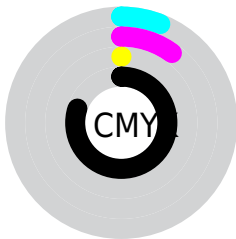
 Blue (20%)



 Red (19%)

 Yellow (18%)

 Blue (20%)

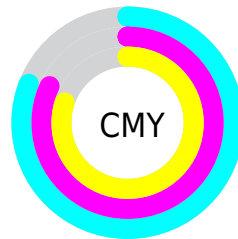


 Cyan (6%)

 Magenta (10%)

 Yellow (0%)

 Black (80%)



 Cyan (81%)

 Magenta (82%)

 Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 302E33 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 302E33 by changing the saturation by 10% instead.

■ 302E33

■ 302E33

FFFFFF

■ 1B191E

■ 5E5C61

■ 000004

■ 77747A

■ 000000

■ 908E94

■ ABA8AE

■ C6C3CA

■ E2DFE6

■ FFFCFF

■ 302E33

■ 302E33

■ 2D2933

■ 333333

■ 2A2433

■ 363833

■ 271F33

■ 393D33

■ 241A33

■ 3C4233

■ 211433

■ 3F4833

■ 1E0F33

■ 424D33

■ 1B0A33

■ 455233

■ 180533

■ 485733

■ 140033

■ 4C5C33

Harmonies

Analogous

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



2D2F34



302E33



332D31

Triad

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



302E33



332E2A



29302F

Complementary

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



302E33



31332E

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.



2B302D



302E33



302F2A

Square

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



302E33



342D2C



2D302B



293032

Rectangle

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



302E33



342D2F



2D302B



29302E

Sweetspot

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



302E33



414042



2E3133



202021



A1A1A1



212121

Same Dimension

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



302E33



3E3A42



322E33



18171A



240059



5700D9

Inverse Universe

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



332E31



423A3F



2F332E



1A1718



590036



D90082

Previews

White Background



This preview shows how the Hex color 302E33 looks on a white background.

Color Contrast Check

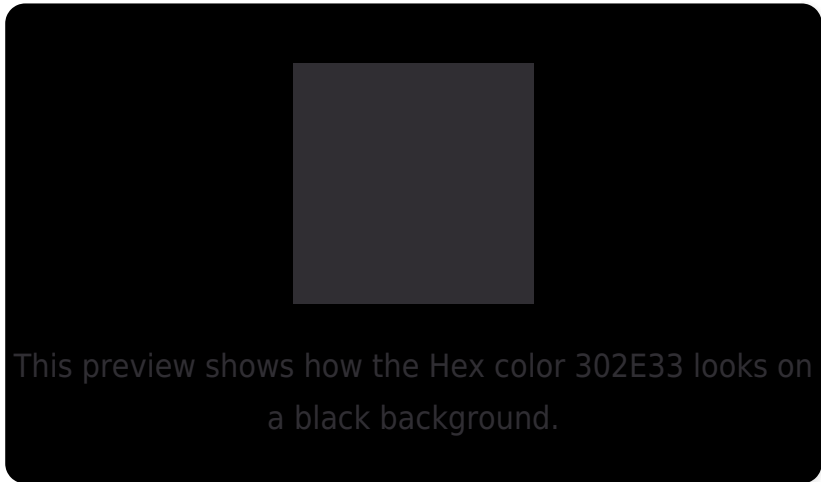
Large Text (above 18pt) WCAG AA ✓ Pass

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

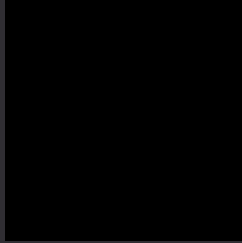
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

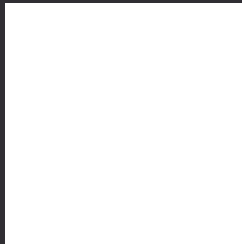
Any Text WCAG AAA × Fail

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

Hex 302E33 Background



This preview shows how black text looks on a background with the Hex color 302E33.



This preview shows how white text looks on a background with the Hex color 302E33.

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

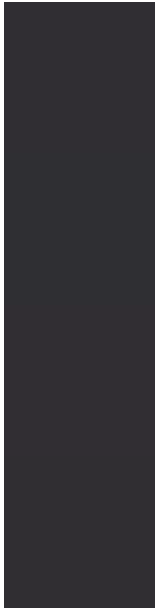


Original Color
302E33

Protanopia
2E2F33

Deuteranopia
312E33

Trichromacy



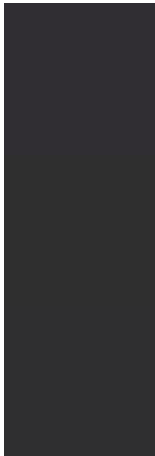
Original Color
302E33

Protanomaly
2F2F33

Deuteranomaly
312E33

Tritanomaly
302E32

Monochromacy



Original Color
302E33

Achromatopsia
2F2F2F

Achromatomaly
2F2F30

CSS Examples

Text

The CSS property to change the color of the text to Hex 302E33 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 #302E33 looks like.

```
.text, #text, p{  
    color:#302E33  
}
```

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 #302E33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #302E33
}
```

Border

The CSS property to change the border of an element to Hex 302E33 is called "border". The border property can be set on classes, ids or directly on the HTML element.

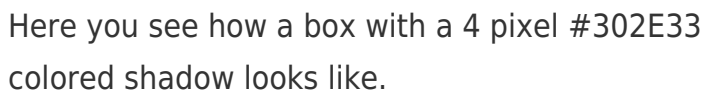
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#302E33 }
```

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

```
.border{ border-color:#302E33 }
```

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



Here you see how a box with a 4 pixel #302E33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #302E33; -webkit-box-shadow:4px 4px  
4px 4px #302E33; box-shadow:4px 4px 4px  
4px #302E33 }
```

Background

The CSS property to change the background color of an element to Hex 302E33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#302E33 }
```

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

```
.background{ background-color:#302E33 }
```

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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