

Converting Colors

Hex(302C35)

Have a look what the booklet for
Hex(302C35) contains.

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Color

Hex(302C35)

Conversions

Conversions Part 1

Format	Color
Hex	302C35
RGB	48, 44, 53
RGB Percent	19%, 17%, 21%
CMY	0.8118, 0.8275, 0.7922
CMYK	0.09, 0.17, 0.00, 0.79
HSL	267°, 9%, 19%
HSV	267°, 17%, 21%
XYZ	2.7622, 2.6868, 3.7412
YIQ	46.2220, -0.5050, 3.6470

Conversions

Conversions Part 2

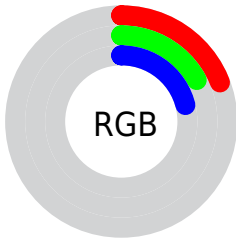
Format	Color
RYB	48, 44, 53
Decimal	3157045
CIELab	18.74, 3.97, -5.12
CIELCh	19, 6.477, 307.798
Yxy	2.6868, 0.3006, 0.2924
Android (android.graphics.Color)	4281347125 (0xFF302C35)
YUV	46.2220, 3.3416, 1.5593
Hunter-Lab	16.3914, 1.3951, -2.0584

Details

The Hex color **302C35** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **31352C**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **5E5964**, and **000007** is the 20% darker color. If you saturate the color by 10%, you get **2D2735**, and if you desaturate by 10%, it is **333135**.

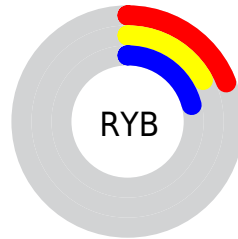
Distribution



Red (19%)

Green (17%)

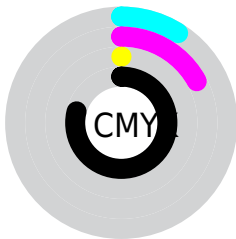
Blue (21%)



Red (19%)

Yellow (17%)

Blue (21%)

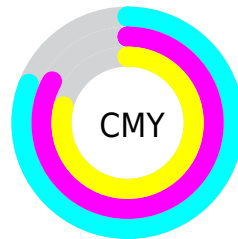


Cyan (9%)

Magenta (17%)

Yellow (0%)

Black (79%)



Cyan (81%)

Magenta (83%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 302C35 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 302C35 by changing the saturation by 10% instead.

■ 302C35

■ 302C35

FFFFFF

■ 1B1720

■ 5E5964

■ 000007

■ 77727C

■ 000000

■ 908B96

■ ABA6B1

■ C6C1CC

■ E2DDE9

■ FFF9FF

■ 302C35

■ 302C35

■ 2D2735

■ 333135

■ 2A2135

■ 363735

■ 271C35

■ 393C35

■ 241735

■ 3C4135

■ 211135

■ 3F4635

■ 1E0C35

■ 424C35

■ 1B0735

■ 455135

■ 180235

■ 485635

■ 180035

■ 4A5C35

Harmonies

Analogous

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



2A2E37



302C35



352B31

Triad

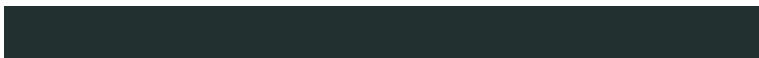
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



302C35



342C25



22302F

Complementary

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



302C35



31352C

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.



26302A



302C35



302E24

Square

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



302C35



372B28



2B2F26



213033

Rectangle

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



302C35



372A2E



2B2F26



23302D

Sweetspot

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



302C35



434145



2C3135



232224



A3A3A3



242424

Same Dimension

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



302C35



3D3745



342C35



18171A



280059



6000D9

Inverse Universe

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



352C31



45373F



2D352C



1A1718



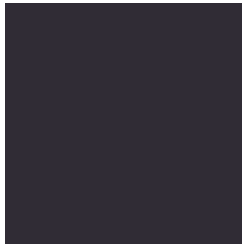
590032



D90078

Previews

White Background



This preview shows how the Hex color 302C35 looks on a white background.

Color Contrast Check

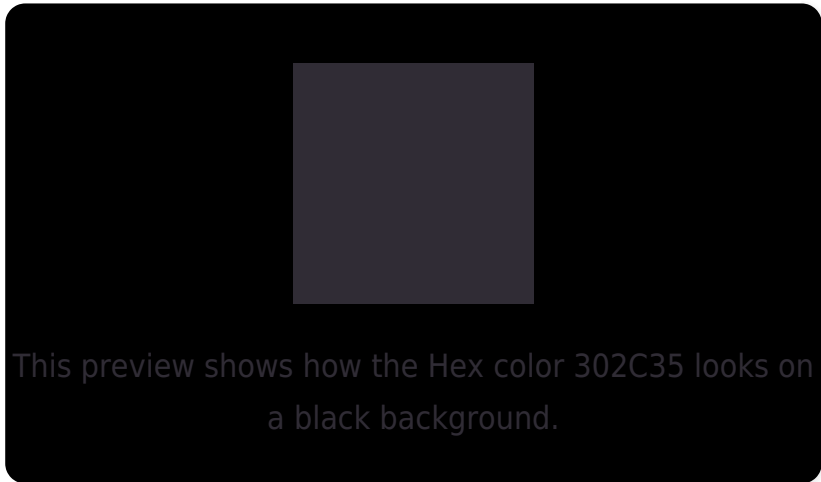
Large Text (above 18pt) WCAG AA ✓ Pass

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

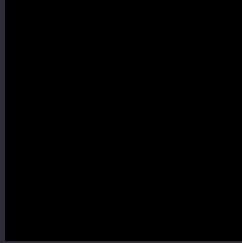
Any Text WCAG AA × Fail

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 302C35 Background



This preview shows how black text looks on a background with the Hex color 302C35.



This preview shows how white text looks on a background with the Hex color 302C35.

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
302C35

Protanopia
2C2D36

Deuteranopia
2F2D35



Tritanopia
2F2D30

Trichromacy



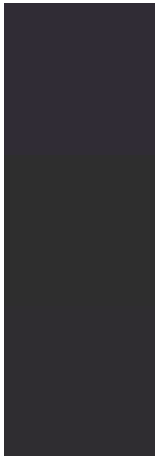
Original Color
302C35

Protanomaly
2D2D36

Deuteranomaly
2F2D35

Tritanomaly
2F2D32

Monochromacy



Original Color
302C35

Achromatopsia
2E2E2E

Achromatomaly
2F2D31

CSS Examples

Text

The CSS property to change the color of the text to Hex 302C35 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 #302C35 looks like.

```
.text, #text, p{  
    color:#302C35  
}
```

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 #302C35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #302C35
}
```

Border

The CSS property to change the border of an element to Hex 302C35 is called "border". The border property can be set on classes, ids or directly on the HTML element.

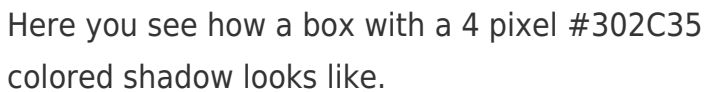
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#302C35 }
```

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

```
.border{ border-color:#302C35 }
```

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



Here you see how a box with a 4 pixel #302C35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #302C35; -webkit-box-shadow:4px 4px  
4px 4px #302C35; box-shadow:4px 4px 4px  
4px #302C35 }
```

Background

The CSS property to change the background color of an element to Hex 302C35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#302C35 }
```

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

```
.background{ background-color:#302C35 }
```

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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