

Converting Colors

Hex(302B3D)

Have a look what the booklet for
Hex(302B3D) contains.

Hex(302B3D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(302B3D)

Conversions

Conversions Part 1

Format	Color
Hex	302B3D
RGB	48, 43, 61
RGB Percent	19%, 17%, 24%
CMY	0.8118, 0.8314, 0.7608
CMYK	0.21, 0.30, 0.00, 0.76
HSL	257°, 17%, 20%
HSV	257°, 30%, 24%
XYZ	2.9251, 2.6931, 4.7805
YIQ	46.5470, -2.7980, 6.6580

Conversions

Conversions Part 2

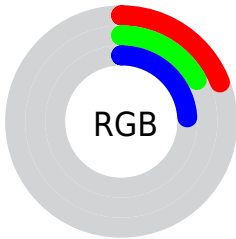
Format	Color
R_{YB}	48, 43, 61
Decimal	3156797
CIE _{Lab}	18.77, 6.82, -10.61
CIE _{LCh}	19, 12.610, 302.728
Yxy	2.6931, 0.2813, 0.2590
Android (android.graphics.Color)	4281346877 (0xFF302B3D)
YUV	46.5470, 7.1253, 1.2743
Hunter-Lab	16.4105, 3.0984, -5.7843

Details

The Hex color **302B3D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **383D2B**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **5E586C**, and **000013** is the 20% darker color. If you saturate the color by 10%, you get **2C253D**, and if you desaturate by 10%, it is **34313D**.

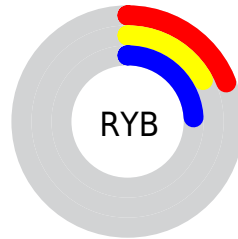
Distribution



Red (19%)

Green (17%)

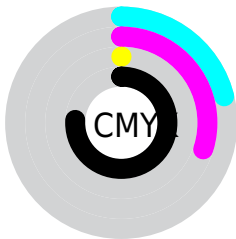
Blue (24%)



Red (19%)

Yellow (17%)

Blue (24%)

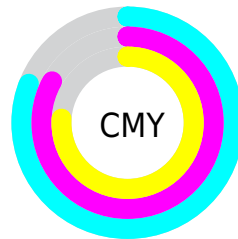


Cyan (21%)

Magenta (30%)

Yellow (0%)

Black (76%)



Cyan (81%)

Magenta (83%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 302B3D 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 302B3D by changing the saturation by 10% instead.

■ 302B3D

■ 302B3D

FFFFFF

■ 1B1727

■ 5E586C

■ 000013

■ 777186

■ 000000

■ 918AA0

■ ABA5BB

■ C7C0D7

■ E3DBF3

■ FFF8FF

■ 302B3D

■ 302B3D

■ 2C253D

■ 34313D

■ 271F3D

■ 39373D

■ 23193D

■ 3D3D3D

■ 1E133D

■ 42433D

■ 1A0D3D

■ 464A3D

■ 16063D

■ 4A503D

■ 11003D

■ 4F563D

■ 535C3D

■ 58623D

Harmonies

Analogous

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



232E40



302B3D



3A2836

Triad

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



302B3D



3B2A1E



15332E

Complementary

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



302B3D



383D2B

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.



1F3225



302B3D



332D1B

Square

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



302B3D



3F2824



29301E



0F3237

Rectangle

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



302B3D



3E2730



29301E



18332B

Sweetspot

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



302B3D



4A484F



2B383D



262429



A8A8A8



292929

Same Dimension

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



302B3D



3B334F



392B3D



1C1C1F



1A005E



3E00DE

Inverse Universe

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



3D2B38



4F3347



2F3D2B



1F1C1E



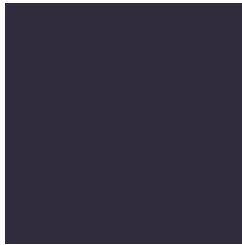
5E0044



DE00A0

Previews

White Background



This preview shows how the Hex color 302B3D looks on a white background.

Color Contrast Check

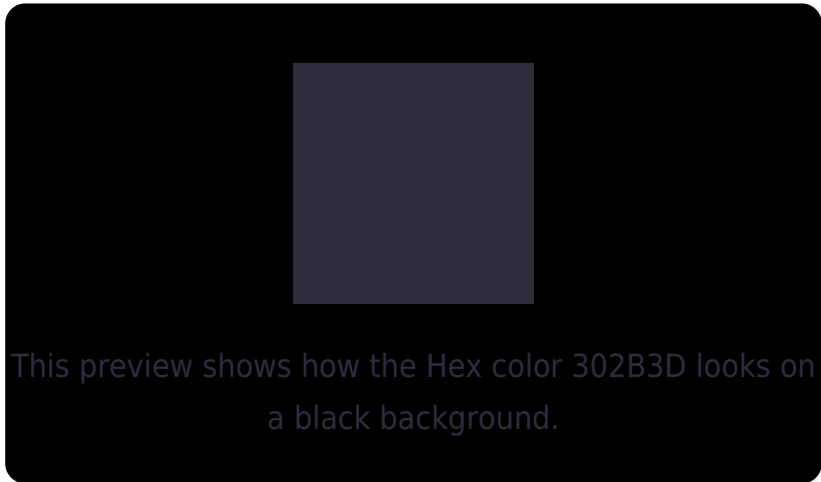
Large Text (above 18pt) WCAG AA ✓ Pass

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

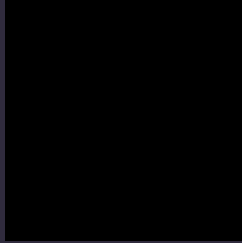
Any Text WCAG AA × Fail

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 302B3D Background



This preview shows how black text looks on a background with the Hex color 302B3D.



This preview shows how white text looks on a background with the Hex color 302B3D.

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

302B3D

Protanopia

292D3F

Deuteranopia

2A2D3D



Tritanopia
2E2D31

Trichromacy



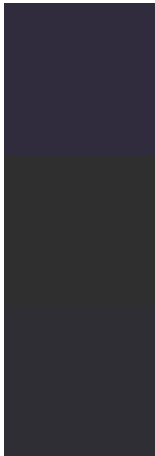
Original Color
302B3D

Protanomaly
2C2C3E

Deuteranomaly
2C2C3D

Tritanomaly
2F2C35

Monochromacy



Original Color
302B3D

Achromatopsia
2F2F2F

Achromatomaly
2F2E34

CSS Examples

Text

The CSS property to change the color of the text to Hex 302B3D 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 #302B3D looks like.

```
.text, #text, p{  
    color:#302B3D  
}
```

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 #302B3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #302B3D
}
```

Border

The CSS property to change the border of an element to Hex 302B3D is called "border". The border property can be set on classes, ids or directly on the HTML element.

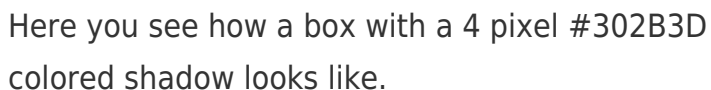
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#302B3D }
```

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

```
.border{ border-color:#302B3D }
```

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



Here you see how a box with a 4 pixel #302B3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #302B3D; -webkit-box-shadow:4px 4px  
4px 4px #302B3D; box-shadow:4px 4px 4px  
4px #302B3D }
```

Background

The CSS property to change the background color of an element to Hex 302B3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#302B3D }
```

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

```
.background{ background-color:#302B3D }
```

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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