

Converting Colors

Hex(302D4E)

Have a look what the booklet for
Hex(302D4E) contains.

Hex(302D4E)	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(302D4E)

Conversions

Conversions Part 1

Format	Color
Hex	302D4E
RGB	48, 45, 78
RGB Percent	19%, 18%, 31%
CMY	0.8118, 0.8235, 0.6941
CMYK	0.38, 0.42, 0.00, 0.69
HSL	245°, 27%, 24%
HSV	245°, 42%, 31%
XYZ	3.5325, 3.0552, 7.6113
YIQ	49.6590, -8.8050, 10.8990

Conversions

Conversions Part 2

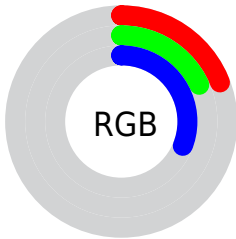
Format	Color
R_{YB}	48, 45, 78
Decimal	3157326
CIE _{Lab}	20.26, 10.55, -19.86
CIE _{LCh}	20, 22.492, 297.973
Yxy	3.0552, 0.2488, 0.2152
Android (android.graphics.Color)	4281347406 (0xFF302D4E)
YUV	49.6590, 13.9721, -1.4549
Hunter-Lab	17.4792, 5.4855, -13.5823




Details

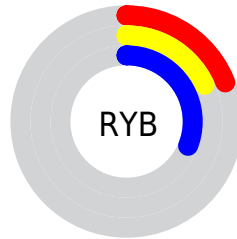
The Hex color **302D4E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4B4E2D**, and the grayscale version is **323232**.




A 20% lighter version of the original color is **5F5B7F**, and **040022** is the 20% darker color. If you saturate the color by 10%, you get **29254E**, and if you desaturate by 10%, it is **37354E**.

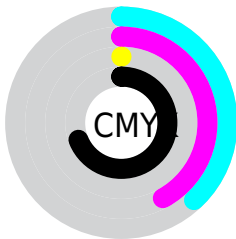
Distribution







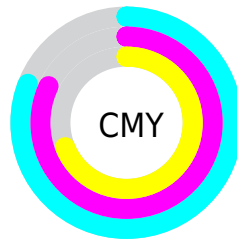
-  Red (19%)
-  Green (18%)
-  Blue (31%)






-  Red (19%)
-  Yellow (18%)
-  Blue (31%)



-  Cyan (38%)
-  Magenta (42%)
-  Yellow (0%)
-  Black (69%)



-  Cyan (81%)
-  Magenta (82%)
-  Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 302D4E 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 302D4E by changing the saturation by 10% instead.

■ 302D4E

■ 302D4E

FFFFFF

■ 1A1837

■ 5F5B7F

■ 040022

■ 797399

■ 000007

■ 938DB4

■ 000000

■ ADA7D0

■ C9C2EC

■ E5DEFF

■ FFFBFF

■ 302D4E

■ 302D4E

■ 29254E

■ 37354E

■ 221D4E

■ 3E3D4E

■ 1B164E

■ 45444E

■ 140E4E

■ 4C4C4E

■ 0D064E

■ 53544E

■ 07004E

■ 5B5C4E

■ 62644E

■ 696B4E

■ 70734E

Harmonies

Analogous

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



0D3352



302D4E



442743

Triad

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



302D4E



482A15



00392F

Complementary

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



302D4E



4B4E2D

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.



16381F



302D4E



3B300F

Square

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



302D4E



4F2422



2B3412



003940

Rectangle

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



302D4E



4C2438



2B3412



003929

Sweetspot

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



302D4E



5A5966



2D4B4E



2C2B33



B3B3B3



333333

Same Dimension

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



302D4E



373266



402D4E



232226



090066



1500E6

Inverse Universe

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



4E2D4B



663261



3B4E2D



262226



66005D



E600D1

Previews

White Background



This preview shows how the Hex color 302D4E looks on a white background.

Color Contrast Check

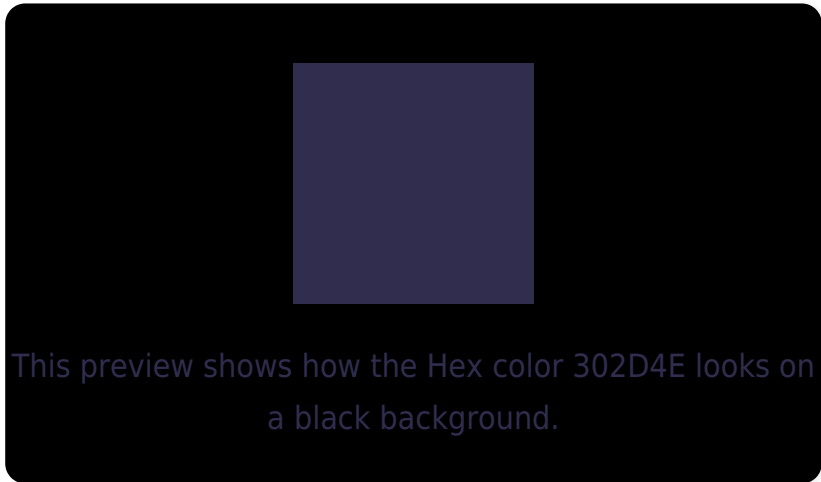
Large Text (above 18pt) WCAG AA ✓ Pass

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

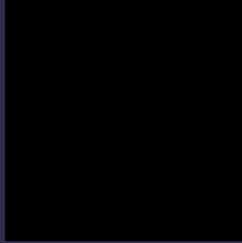
Any Text WCAG AA × Fail

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 302D4E Background



This preview shows how black text looks on a background with the Hex color 302D4E.



This preview shows how white text looks on a background with the Hex color 302D4E.

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](#).

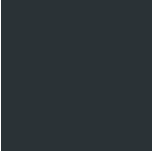
Dichromacy



Original Color
302D4E

Protanopia
243051

Deuteranopia
22314D



Tritanopia
2A3236

Trichromacy



Original Color
302D4E

Protanomaly
282F50

Deuteranomaly
27304D

Tritanomaly
2C303F

Monochromacy



Original Color
302D4E

Achromatopsia
323232

Achromatomaly
31303C

CSS Examples

Text

The CSS property to change the color of the text to Hex 302D4E 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 #302D4E looks like.

```
.text, #text, p{  
    color:#302D4E  
}
```

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 #302D4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #302D4E
}
```

Border

The CSS property to change the border of an element to Hex 302D4E is called "border". The border property can be set on classes, ids or directly on the HTML element.

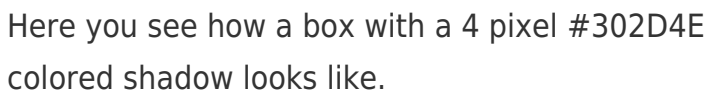
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#302D4E }
```

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

```
.border{ border-color:#302D4E }
```

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



Here you see how a box with a 4 pixel #302D4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #302D4E; -webkit-box-shadow:4px 4px  
4px 4px #302D4E; box-shadow:4px 4px 4px  
4px #302D4E }
```

Background

The CSS property to change the background color of an element to Hex 302D4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#302D4E }
```

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

```
.background{ background-color:#302D4E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor