

Converting Colors

Hex(302D4C)

Have a look what the booklet for
Hex(302D4C) contains.

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Color

Hex(302D4C)

Conversions

Conversions Part 1

Format	Color
Hex	302D4C
RGB	48, 45, 76
RGB Percent	19%, 18%, 30%
CMY	0.8118, 0.8235, 0.7020
CMYK	0.37, 0.41, 0.00, 0.70
HSL	246°, 26%, 24%
HSV	246°, 41%, 30%
XYZ	3.4618, 3.0270, 7.2393
YIQ	49.4310, -8.1630, 10.2770

Conversions

Conversions Part 2

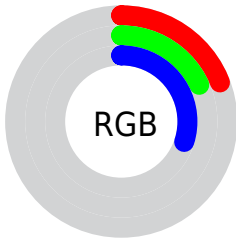
Format	Color
R_{YB}	48, 45, 76
Decimal	3157324
CIE Lab	20.15, 9.91, -18.69
CIE LCh	20, 21.159, 297.939
Yxy	3.0270, 0.2522, 0.2205
Android (android.graphics.Color)	4281347404 (0xFF302D4C)
YUV	49.4310, 13.0985, -1.2550
Hunter-Lab	17.3981, 5.0705, -12.4916

Details

The Hex color **302D4C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **494C2D**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **5F5B7D**, and **040020** is the 20% darker color. If you saturate the color by 10%, you get **29254C**, and if you desaturate by 10%, it is **37354C**.

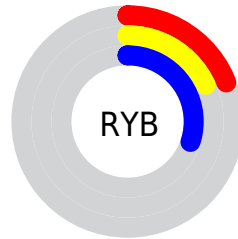
Distribution



Red (19%)

Green (18%)

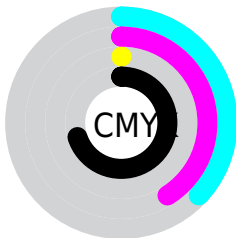
Blue (30%)



Red (19%)

Yellow (18%)

Blue (30%)

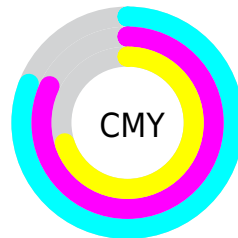


Cyan (37%)

Magenta (41%)

Yellow (0%)

Black (70%)



Cyan (81%)

Magenta (82%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 302D4C 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 302D4C by changing the saturation by 10% instead.

■ 302D4C

■ 302D4C

FFFFFF

■ 1A1835

■ 5F5B7D

■ 040020

■ 787397

■ 000004

■ 928DB2

■ 000000

■ ADA7CD

■ C9C2EA

■ E5DEFF

■ FFFBFF

■ 302D4C

■ 302D4C

■ 29254C

■ 37354C

■ 221E4C

■ 3E3C4C

■ 1B164C

■ 45444C

■ 150F4C

■ 4B4B4C

■ 0E074C

■ 52534C

■ 07004C

■ 595B4C

■ 60624C

■ 676A4C

■ 6E714C

Harmonies

Analogous

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



12334F



302D4C



432741

Triad

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



302D4C



472A17



00382F

Complementary

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



302D4C



494C2D

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.



183720



302D4C



3B2F11

Square

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



302D4C



4D2523



2B3414



00383F

Rectangle

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



302D4C



4A2438



2B3414



04382A

Sweetspot

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



302D4C



595863



2D494C



2D2C33



B3B3B3



333333

Same Dimension

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



302D4C



373363



3F2D4C



232226



0A0066



1600E6

Inverse Universe

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



4C2D49



63335F



3A4C2D



262226



66005C



E600CF

Previews

White Background



This preview shows how the Hex color 302D4C looks on a white background.

Color Contrast Check

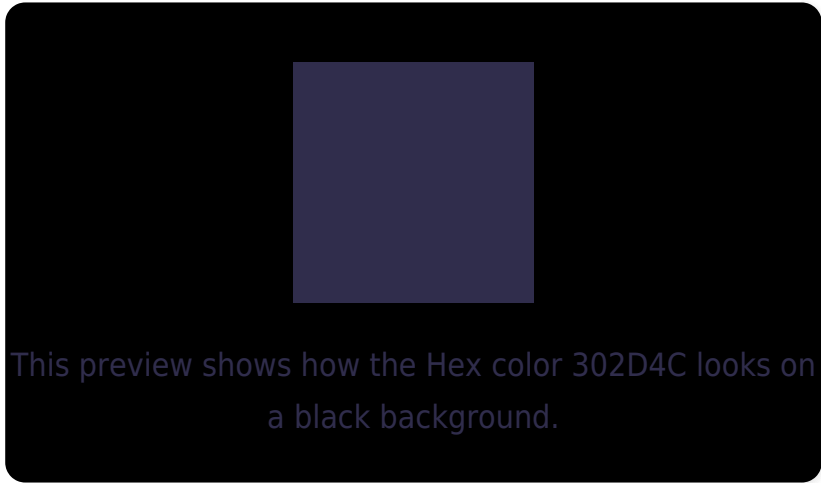
Large Text (above 18pt) WCAG AA ✓ Pass

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

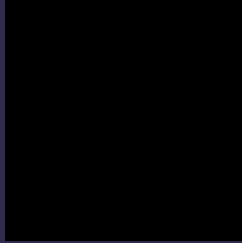
Any Text WCAG AA × Fail

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 302D4C Background



This preview shows how black text looks on a background with the Hex color 302D4C.



This preview shows how white text looks on a background with the Hex color 302D4C.

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](#).

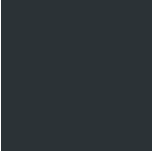
Dichromacy



Original Color
302D4C

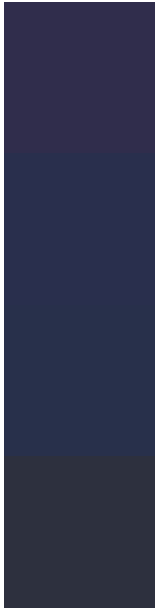
Protanopia
25304E

Deuteranopia
23314B



Tritanopia
2B3236

Trichromacy



Original Color
302D4C

Protanomaly
292F4D

Deuteranomaly
28304B

Tritanomaly
2D303E

Monochromacy



Original Color
302D4C

Achromatopsia
313131

Achromatomaly
31303B

CSS Examples

Text

The CSS property to change the color of the text to Hex 302D4C 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 #302D4C looks like.

```
.text, #text, p{  
    color:#302D4C  
}
```

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 #302D4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #302D4C
}
```

Border

The CSS property to change the border of an element to Hex 302D4C is called "border". The border property can be set on classes, ids or directly on the HTML element.

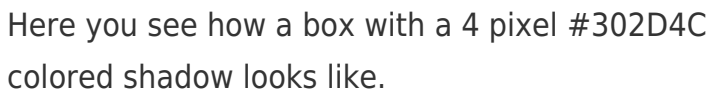
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#302D4C }
```

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

```
.border{ border-color:#302D4C }
```

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



Here you see how a box with a 4 pixel #302D4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #302D4C; -webkit-box-shadow:4px 4px  
4px 4px #302D4C; box-shadow:4px 4px 4px  
4px #302D4C }
```

Background

The CSS property to change the background color of an element to Hex 302D4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#302D4C }
```

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

```
.background{ background-color:#302D4C }
```

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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