

Converting Colors

Hex(302A47)

Have a look what the booklet for
Hex(302A47) contains.

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Color

Hex(302A47)

Conversions

Conversions Part 1

Format	Color
Hex	302A47
RGB	48, 42, 71
RGB Percent	19%, 16%, 28%
CMY	0.8118, 0.8353, 0.7216
CMYK	0.32, 0.41, 0.00, 0.72
HSL	252°, 26%, 22%
HSV	252°, 41%, 28%
XYZ	3.1842, 2.7392, 6.3221
YIQ	47.1000, -5.7330, 10.2910

Conversions

Conversions Part 2

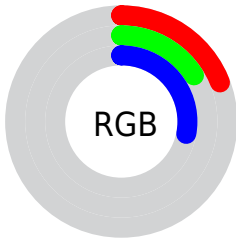
Format	Color
R_{YB}	48, 42, 71
Decimal	3156551
CIE _{Lab}	18.97, 10.46, -17.16
CIE _{LCh}	19, 20.095, 301.375
Yxy	2.7392, 0.2600, 0.2237
Android (android.graphics.Color)	4281346631 (0xFF302A47)
YUV	47.1000, 11.7827, 0.7893
Hunter-Lab	16.5506, 5.3784, -11.0626

Details

The Hex color **302A47** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **41472A**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **5F5778**, and **00001C** is the 20% darker color. If you saturate the color by 10%, you get **2A2347**, and if you desaturate by 10%, it is **363147**.

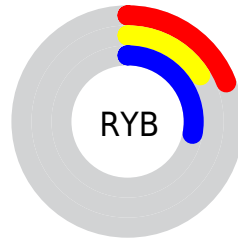
Distribution



Red (19%)

Green (16%)

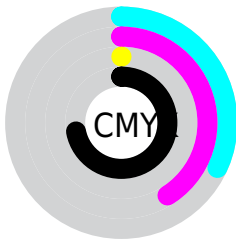
Blue (28%)



Red (19%)

Yellow (16%)

Blue (28%)

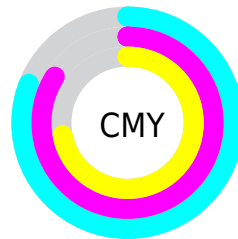


Cyan (32%)

Magenta (41%)

Yellow (0%)

Black (72%)



Cyan (81%)

Magenta (84%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 302A47 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 302A47 by changing the saturation by 10% instead.

■ 302A47

■ 302A47

FFFFFF

■ 1A1630

■ 5F5778

■ 00001C

■ 787091

■ 000000

■ 9289AC

■ ADA3C7

■ C8BEE3

■ E4DAFF

■ FFF7FF

■ 302A47

■ 302A47

■ 2A2347

■ 363147

■ 251C47

■ 3B3847

■ 1F1547

■ 413F47

■ 190E47

■ 474647

■ 140647

■ 4C4E47

■ 0F0047

■ 525547

■ 575C47

■ 5D6347

■ 636A47

Harmonies

Analogous

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



162F4B



302A47



41253C

Triad

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



302A47



422815



00352E

Complementary

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



302A47



41472A

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.



143420



302A47



362D10

Square

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



302A47



492420



273214



00353D

Rectangle

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



302A47



472233



273214



013529

Sweetspot

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



302A47



53515C



2A4147



29272E



ADADAD



2E2E2E

Same Dimension

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



302A47



382F5C



3E2A47



212024



150063



2F00E3

Inverse Universe

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



472A41



5C2F52



33472A



242023



63004F



E300B4

Previews

White Background



This preview shows how the Hex color 302A47 looks on a white background.

Color Contrast Check

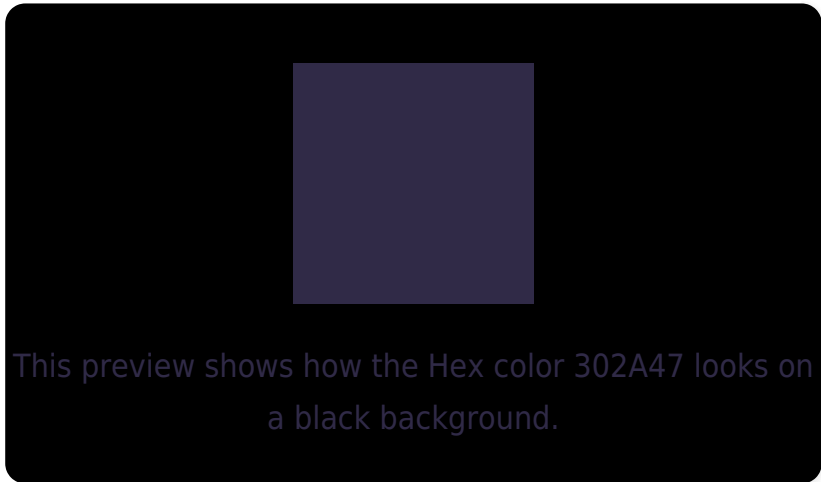
Large Text (above 18pt) WCAG AA ✓ Pass

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

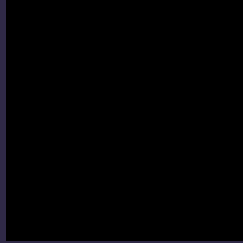
Any Text WCAG AA × Fail

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 302A47 Background



This preview shows how black text looks on a background with the Hex color 302A47.



This preview shows how white text looks on a background with the Hex color 302A47.

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

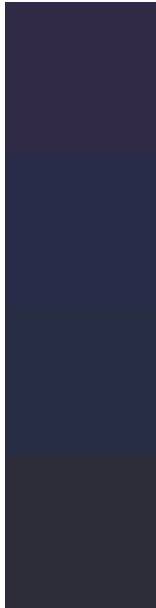


Original Color
302A47

Protanopia
232D4A

Deuteranopia
232E46

Trichromacy



Original Color
302A47

Protanomaly
282C49

Deuteranomaly
282D46

Tritanomaly
2D2D3A

Monochromacy



Original Color
302A47

Achromatopsia
2F2F2F

Achromatomaly
2F2D38

CSS Examples

Text

The CSS property to change the color of the text to Hex 302A47 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 #302A47 looks like.

```
.text, #text, p{  
    color:#302A47  
}
```

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 #302A47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #302A47
}
```

Border

The CSS property to change the border of an element to Hex 302A47 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
#302A47 }
```

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

```
.border{ border-color:#302A47 }
```

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

Here you see how a box with a 4 pixel #302A47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #302A47; -webkit-box-shadow:4px 4px  
4px 4px #302A47; box-shadow:4px 4px 4px  
4px #302A47 }
```

Background

The CSS property to change the background color of an element to Hex 302A47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#302A47 }
```

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

```
.background{ background-color:#302A47 }
```

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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