

Converting Colors

Hex(342846)

Have a look what the booklet for
Hex(342846) contains.

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Color

Hex(342846)

Conversions

Conversions Part 1

Format	Color
Hex	342846
RGB	52, 40, 70
RGB Percent	20%, 16%, 27%
CMY	0.7961, 0.8431, 0.7255
CMYK	0.26, 0.43, 0.00, 0.73
HSL	264°, 27%, 22%
HSV	264°, 43%, 27%
XYZ	3.2805, 2.6898, 6.1406
YIQ	47.0080, -2.4780, 11.8740

Conversions

Conversions Part 2

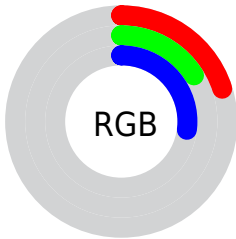
Format	Color
RYB	52, 40, 70
Decimal	3418182
CIELab	18.76, 12.98, -16.77
CIELCh	19, 21.209, 307.738
Yxy	2.6898, 0.2709, 0.2221
Android (android.graphics.Color)	4281608262 (0xFF342846)
YUV	47.0080, 11.3351, 4.3780
Hunter-Lab	16.4007, 7.0020, -10.7184

Details

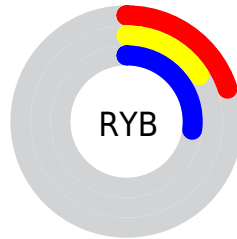
The Hex color **342846** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **3A4628**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **635576**, and **03001B** is the 20% darker color. If you saturate the color by 10%, you get **302146**, and if you desaturate by 10%, it is **382F46**.

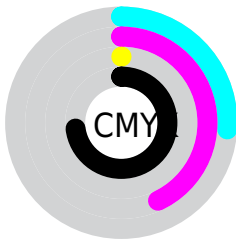
Distribution



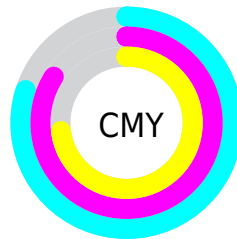
- Red (20%)
- Green (16%)
- Blue (27%)



- Red (20%)
- Yellow (16%)
- Blue (27%)



- Cyan (26%)
- Magenta (43%)
- Yellow (0%)
- Black (73%)



- Cyan (80%)
- Magenta (84%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 342846 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 342846 by changing the saturation by 10% instead.



342846



342846

FFFFFF



1E142F



635576



03001B



7C6E90



000000



9687AB



B1A1C6



CDBCE2



E9D8FF



FFF4FF



342846



342846

■ 302146

■ 382F46

■ 2C1A46

■ 3C3646

■ 271346

■ 413D46

■ 230C46

■ 454446

■ 1F0546

■ 494B46

■ 1C0046

■ 4D5246

■ 515946

■ 566046

■ 5A6746

Harmonies

Analogous

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



1A2E4C



342846



44223A

Triad

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



342846



402911



003531

Complementary

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



342846



3A4628

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.



0C3521



342846



332E0E

Square

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



342846



48231C



223214



003540

Rectangle

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



342846



49212F



223214



00352C

Sweetspot

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



342846



55505C



283A46



29272E



ADADAD



2E2E2E

Same Dimension

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



342846



402D5C



432846



222024



280063



5B00E3

Inverse Universe

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



46283A



5C2D49



2B4628



242022



63003C



E30088

Previews

White Background



This preview shows how the Hex color 342846 looks on a white background.

Color Contrast Check

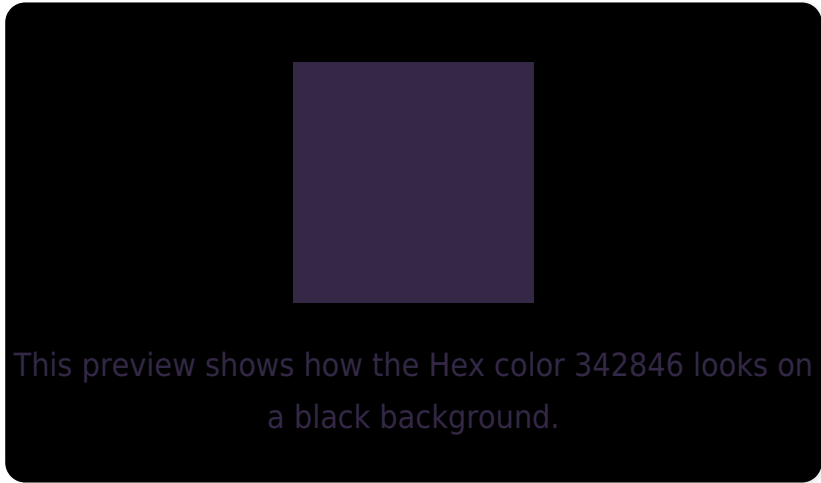
Large Text (above 18pt) WCAG AA ✓ Pass

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

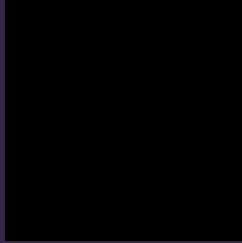
Any Text WCAG AA × Fail

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 342846 Background



This preview shows how black text looks on a background with the Hex color 342846.



This preview shows how white text looks on a background with the Hex color 342846.

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
342846

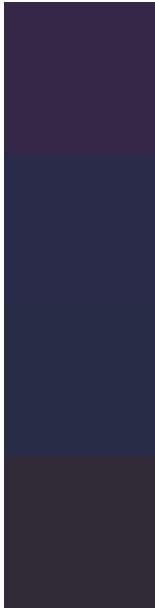
Protanopia
222D4A

Deuteranopia
232E45



Tritanopia
302D30

Trichromacy



Original Color

342846

Protanomaly

292B49

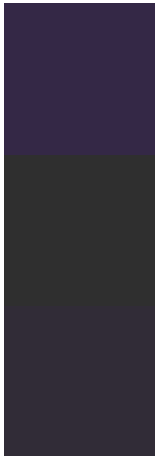
Deuteranomaly

292C45

Tritanomaly

312B38

Monochromacy



Original Color

342846

Achromatopsia

2F2F2F

Achromatomaly

312C37

CSS Examples

Text

The CSS property to change the color of the text to Hex 342846 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 #342846 looks like.

```
.text, #text, p{  
    color:#342846  
}
```

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 #342846 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #342846
}
```

Border

The CSS property to change the border of an element to Hex 342846 is called "border". The border property can be set on classes, ids or directly on the HTML element.

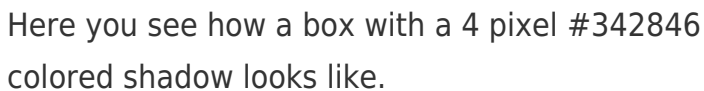
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#342846 }
```

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

```
.border{ border-color:#342846 }
```

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



Here you see how a box with a 4 pixel #342846 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #342846; -webkit-box-shadow:4px 4px  
4px 4px #342846; box-shadow:4px 4px 4px  
4px #342846 }
```

Background

The CSS property to change the background color of an element to Hex 342846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#342846 }
```

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

```
.background{ background-color:#342846 }
```

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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