

Converting Colors

Hex(342B3D)

Have a look what the booklet for
Hex(342B3D) contains.

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Color

Hex(342B3D)

Conversions

Conversions Part 1

Format	Color
Hex	342B3D
RGB	52, 43, 61
RGB Percent	20%, 17%, 24%
CMY	0.7961, 0.8314, 0.7608
CMYK	0.15, 0.30, 0.00, 0.76
HSL	270°, 17%, 20%
HSV	270°, 30%, 24%
XYZ	3.1224, 2.7947, 4.7898
YIQ	47.7430, -0.4140, 7.5060

Conversions

Conversions Part 2

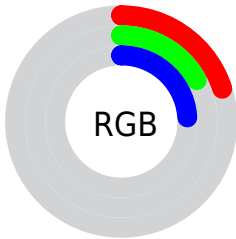
Format	Color
RYB	52, 43, 61
Decimal	3418941
CIELab	19.20, 8.40, -9.91
CIELCh	19, 12.989, 310.292
Yxy	2.7947, 0.2916, 0.2610
Android (android.graphics.Color)	4281609021 (0xFF342B3D)
YUV	47.7430, 6.5357, 3.7334
Hunter-Lab	16.7175, 4.0832, -5.2850

Details

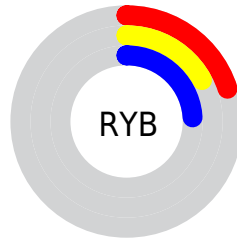
The Hex color **342B3D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **343D2B**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **63586C**, and **030013** is the 20% darker color. If you saturate the color by 10%, you get **31253D**, and if you desaturate by 10%, it is **37313D**.

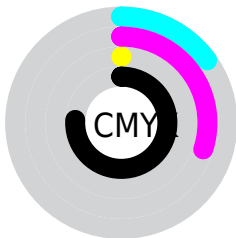
Distribution



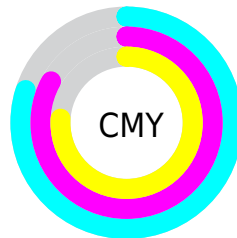
- Red (20%)
- Green (17%)
- Blue (24%)



- Red (20%)
- Yellow (17%)
- Blue (24%)



- Cyan (15%)
- Magenta (30%)
- Yellow (0%)
- Black (76%)



- Cyan (80%)
- Magenta (83%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 342B3D 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 342B3D by changing the saturation by 10% instead.

■ 342B3D

■ 342B3D

FFFFFF

■ 1F1627

■ 63586C

■ 030013

■ 7C7186

■ 000000

■ 968AA0

■ B0A5BB

■ CCC0D7

■ E8DCF3

■ FFF8FF

■ 342B3D

■ 342B3D

■ 31253D

■ 37313D

■ 2E1F3D

■ 3A373D

■ 2B193D

■ 3D3D3D

■ 28133D

■ 40433D

■ 250D3D

■ 434A3D

■ 22063D

■ 46503D

■ 1F003D

■ 49563D

■ 4C5C3D

■ 4F623D

Harmonies

Analogous

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



272E41



342B3D



3D2835

Triad

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



342B3D



3B2C1D



123432

Complementary

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



342B3D



343D2B

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.



1C3328



342B3D



322F1C

Square

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



342B3D



402923



273220



0F333A

Rectangle

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



342B3D



40282F



273220



15342E

Sweetspot

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



342B3D



4B484F



2B343D



272429



A8A8A8



292929

Same Dimension

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



342B3D



41334F



3D2B3D



1D1C1F



2F005E



6F00DE

Inverse Universe

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



3D2B34



4F3341



2B3D2B



1F1C1D



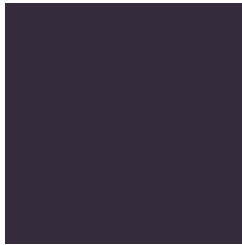
5E002F



DE006F

Previews

White Background



This preview shows how the Hex color 342B3D looks on a white background.

Color Contrast Check

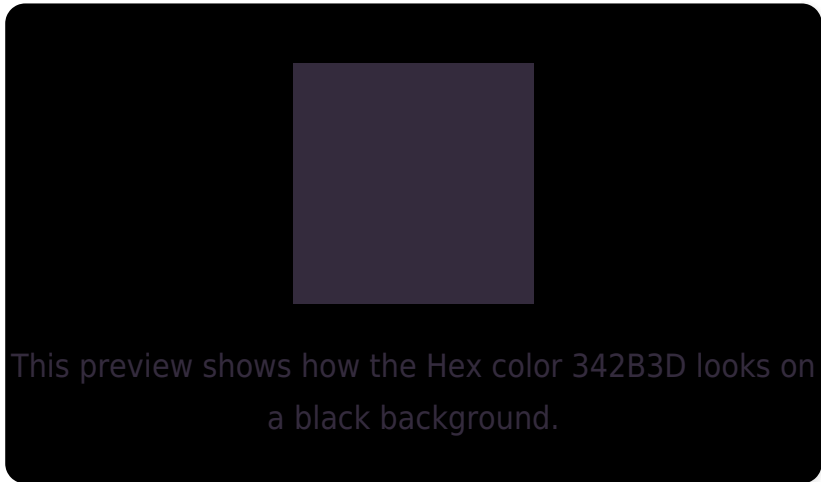
Large Text (above 18pt) WCAG AA ✓ Pass

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

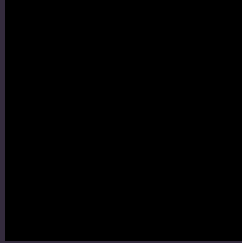
Any Text WCAG AA × Fail

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 342B3D Background



This preview shows how black text looks on a background with the Hex color 342B3D.



This preview shows how white text looks on a background with the Hex color 342B3D.

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
342B3D

Protanopia
2A2E3F

Deuteranopia
2C2E3C



Tritanopia
322D31

Trichromacy



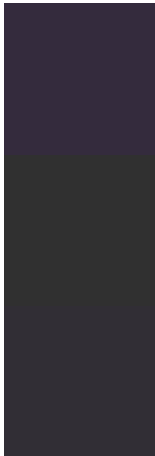
Original Color
342B3D

Protanomaly
2E2D3E

Deuteranomaly
2F2D3C

Tritanomaly
332C35

Monochromacy



Original Color
342B3D

Achromatopsia
303030

Achromatomaly
312E35

CSS Examples

Text

The CSS property to change the color of the text to Hex 342B3D 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 #342B3D looks like.

```
.text, #text, p{  
    color:#342B3D  
}
```

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 #342B3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #342B3D
}
```

Border

The CSS property to change the border of an element to Hex 342B3D is called "border". The border property can be set on classes, ids or directly on the HTML element.

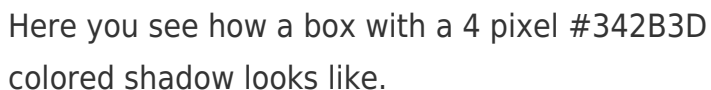
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#342B3D }
```

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

```
.border{ border-color:#342B3D }
```

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



Here you see how a box with a 4 pixel #342B3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #342B3D; -webkit-box-shadow:4px 4px  
4px 4px #342B3D; box-shadow:4px 4px 4px  
4px #342B3D }
```

Background

The CSS property to change the background color of an element to Hex 342B3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#342B3D }
```

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

```
.background{ background-color:#342B3D }
```

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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