

Converting Colors

Hex(342B55)

Have a look what the booklet for
Hex(342B55) contains.

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Color

Hex(342B55)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 342B55 |
| RGB | 52, 43, 85 |
| RGB Percent | 20%, 17%, 33% |
| CMY | 0.7961, 0.8314, 0.6667 |
| CMYK | 0.39, 0.49, 0.00, 0.67 |
| HSL | 253°, 33%, 25% |
| HSV | 253°, 49%, 33% |
| XYZ | 3.9197, 3.1137, 8.9887 |
| YIQ | 50.4790, -8.1180, 14.9700 |

Conversions

Conversions Part 2

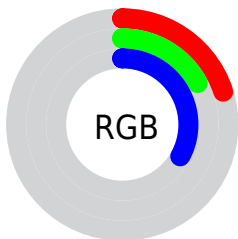
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 52, 43, 85 |
| Decimal | 3418965 |
| CIE Lab | 20.49, 15.45, -24.16 |
| CIE LCh | 20, 28.680, 302.588 |
| Yxy | 3.1137, 0.2446, 0.1943 |
| Android (android.graphics.Color) | 4281609045 (0xFF342B55) |
| YUV | 50.4790, 17.0189, 1.3339 |
| Hunter-Lab | 17.6457, 8.7714, -17.8505 |

Details

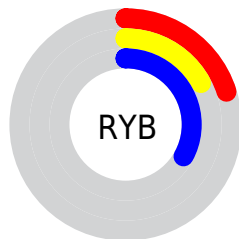
The Hex color **342B55** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4C552B**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **645987**, and **0A0028** is the 20% darker color. If you saturate the color by 10%, you get **2D2355**, and if you desaturate by 10%, it is **3B3355**.

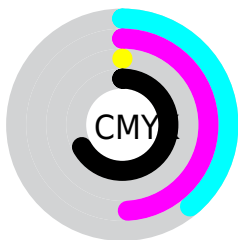
Distribution



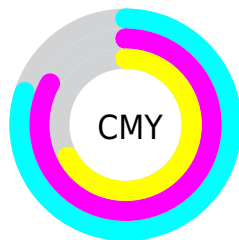
- Red (20%)
- Green (17%)
- Blue (33%)



- Red (20%)
- Yellow (17%)
- Blue (33%)



- Cyan (39%)
- Magenta (49%)
- Yellow (0%)
- Black (67%)



- Cyan (80%)
- Magenta (83%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 342B55 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 342B55 by changing the saturation by 10% instead.

■ 342B55

■ 342B55

FFFFFF

■ 1D163E

■ 645987

■ 0A0028

■ 7E71A1

■ 000111

■ 988BBC

■ 000000

■ B3A5D8

■ CFC0F5

■ EBD0FF

■ FFF8FF

■ 342B55

■ 342B55

■ 2D2355

■ 3B3355

■ 271A55

■ 413C55

■ 201255

■ 484555

■ 190955

■ 4F4D55

■ 130155

■ 555655

■ 120055

■ 5C5E55

■ 636655

■ 696F55

■ 707755

Harmonies

Analogous

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



00335B



342B55



4C2245

Triad

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



342B55



4B290A



003B33

Complementary

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



342B55



4C552B

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.



013A1D



342B55



3B3101

Square

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



342B55



56211C



25370A



003B47

Rectangle

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



342B55



551E38



25370A



003B2B

Sweetspot

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



342B55



615D6E



2B4D55



302E38



B8B8B8



383838

Same Dimension

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



342B55



3B2D6E



482B55



28272B



17006B



3200EB

Inverse Universe

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



552B4C



6E2D60



38552B



2B272A



6B0054



EB00B8

Previews

White Background



This preview shows how the Hex color 342B55 looks on a white background.

Color Contrast Check

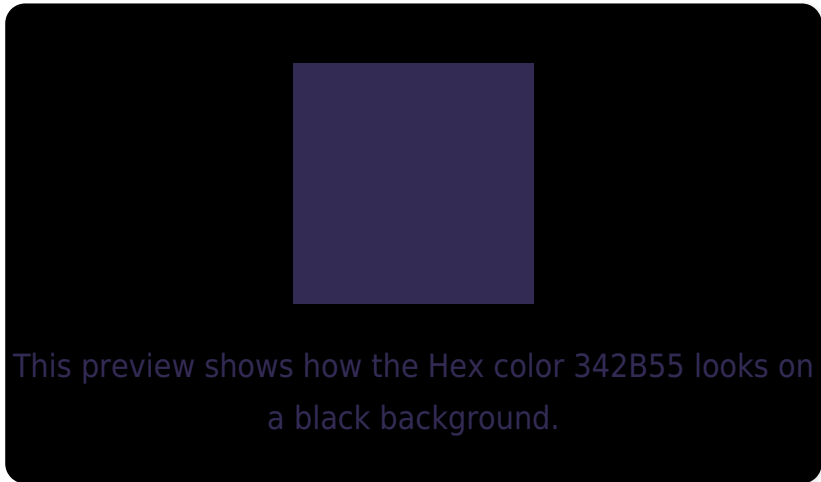
Large Text (above 18pt) WCAG AA ✓ Pass

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

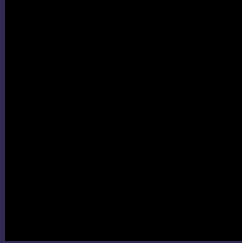
Any Text WCAG AA × Fail

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 342B55 Background



This preview shows how black text looks on a background with the Hex color 342B55.



This preview shows how white text looks on a background with the Hex color 342B55.

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](#).

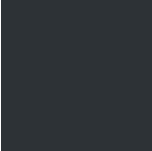
Dichromacy



Original Color
342B55

Protanopia
1D305A

Deuteranopia
1A3253



Tritanopia
2D3236

Trichromacy



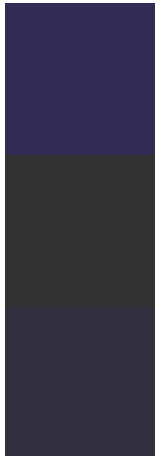
Original Color
342B55

Protanomaly
252E58

Deuteranomaly
232F54

Tritanomaly
302F41

Monochromacy



Original Color
342B55

Achromatopsia
323232

Achromatomaly
332F3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 342B55 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 #342B55 looks like.

```
.text, #text, p{  
    color:#342B55  
}
```

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 #342B55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #342B55
}
```

Border

The CSS property to change the border of an element to Hex 342B55 is called "border". The border property can be set on classes, ids or directly on the HTML element.

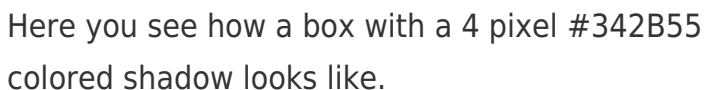
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#342B55 }
```

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

```
.border{ border-color:#342B55 }
```

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



Here you see how a box with a 4 pixel #342B55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #342B55; -webkit-box-shadow:4px 4px  
4px 4px #342B55; box-shadow:4px 4px 4px  
4px #342B55 }
```

Background

The CSS property to change the background color of an element to Hex 342B55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#342B55 }
```

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

```
.background{ background-color:#342B55 }
```

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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