

# Converting Colors

Hex(342F43)

Have a look what the booklet for  
Hex(342F43) contains.

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# Color

Hex(342F43)

# Conversions

## Conversions Part 1

Format	Color
Hex	342F43
RGB	52, 47, 67
RGB Percent	20%, 18%, 26%
CMY	0.7961, 0.8157, 0.7373
CMYK	0.22, 0.30, 0.00, 0.74
HSL	255°, 18%, 22%
HSV	255°, 30%, 26%
XYZ	3.4458, 3.1683, 5.7401
YIQ	50.7750, -3.4400, 7.2800

# Conversions

## Conversions Part 2

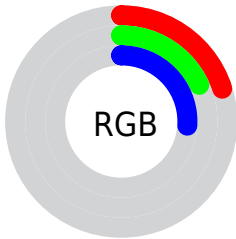
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	52, 47, 67
Decimal	3419971
CIE Lab	20.71, 7.27, -11.71
CIE LCh	21, 13.779, 301.836
Yxy	3.1683, 0.2789, 0.2565
Android (android.graphics.Color)	4281610051 (0xFF342F43)
YUV	50.7750, 7.9989, 1.0743
Hunter-Lab	17.7998, 3.4055, -6.6601

# Details

The Hex color **342F43** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3E432F**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **635D73**, and **080019** is the 20% darker color. If you saturate the color by 10%, you get **2F2843**, and if you desaturate by 10%, it is **393643**.

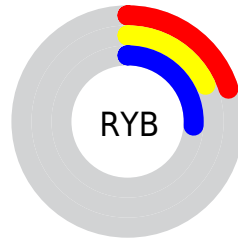
# Distribution



 Red (20%)

 Green (18%)

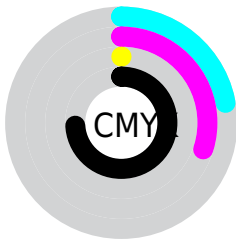
 Blue (26%)



 Red (20%)

 Yellow (18%)

 Blue (26%)

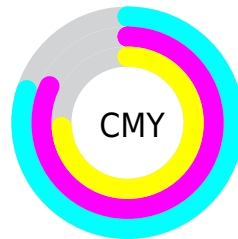


 Cyan (22%)

 Magenta (30%)

 Yellow (0%)

 Black (74%)



 Cyan (80%)

 Magenta (82%)

 Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 342F43 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 342F43 by changing the saturation by 10% instead.





342F43



342F43

FFFFFF



1E1A2D



635D73



080019



7C758D



000000



968FA7



B0AAC2



CCC5DE



E8E1FB



FFFDFD



342F43



342F43

■ 2F2843

■ 393643

■ 2A2243

■ 3E3C43

■ 251B43

■ 434343

■ 201443

■ 484A43

■ 1B0E43

■ 4D5143

■ 160743

■ 525743

■ 110043

■ 575E43

■ 5C6543

■ 616B43

# Harmonies

## Analogous

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



253346



342F43



3F2C3C

# Triad

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



342F43



412E20



163732

# Complementary

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



342F43



3E432F

# 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.



223628



342F43



38311E

# Square

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



342F43



452B28



2D3420



0F373C

# Rectangle

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



342F43



442A35



2D3420



1A372F



# Sweetspot

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



342F43



514F57



2F3E43



28272B



ABABAB



2B2B2B



# Same Dimension

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



342F43



3F3757



3E2F43



1F1E21



180061



3800E0



# Inverse Universe

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



432F3E



57374F



34432F



211E20



610049

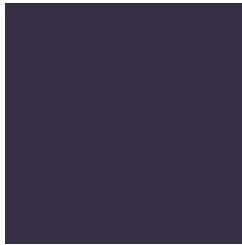


E000A8



# Previews

## White Background



This preview shows how the Hex color 342F43 looks on a white background.

## Color Contrast Check

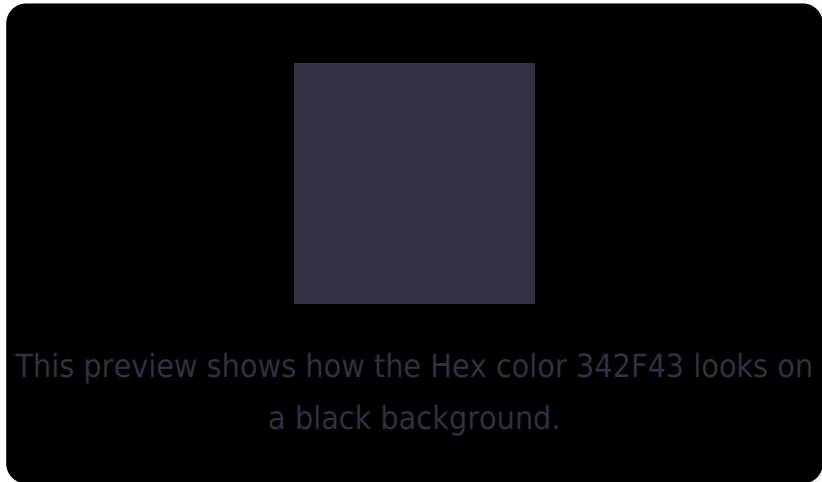
Large Text (above 18pt) WCAG AA ✓ Pass

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

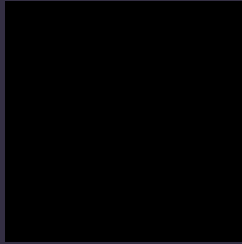
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 342F43 Background



This preview shows how black text looks on a background with the Hex color 342F43.

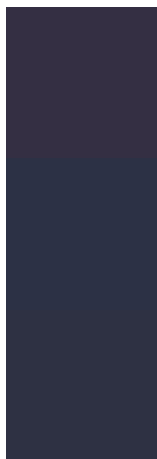


This preview shows how white text looks on a background with the Hex color 342F43.

# 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**


342F43

**Protanopia**

2C3145

**Deuteranopia**

2E3143



**Tritanopia**  
323236

# Trichromacy



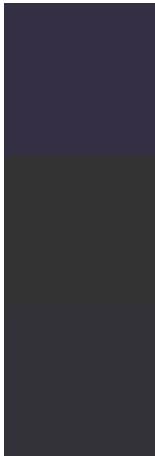
**Original Color**  
342F43

**Protanomaly**  
2F3044

**Deuteranomaly**  
303043

**Tritanomaly**  
33313B

# Monochromacy



**Original Color**  
342F43

**Achromatopsia**  
333333

**Achromatomaly**  
333239

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 342F43 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 #342F43 looks like.

```
.text, #text, p{  
    color:#342F43  
}
```

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 #342F43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #342F43  
}
```

## Border

The CSS property to change the border of an element to Hex 342F43 is called "border". The border property can be set on classes, ids or directly on the HTML element.

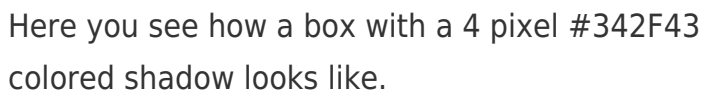
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#342F43 }
```

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

```
.border{ border-color:#342F43 }
```

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

A rectangular box with a 4-pixel blue shadow. The box is white with a thin black border. The shadow is a solid blue color (#342F43) and is applied to the bottom and right sides of the box, creating a 3D effect.

Here you see how a box with a 4 pixel #342F43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #342F43; -webkit-box-shadow:4px 4px  
4px 4px #342F43; box-shadow:4px 4px 4px  
4px #342F43 }
```

# Background

The CSS property to change the background color of an element to Hex 342F43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#342F43 }
```

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

```
.background{ background-color:#342F43 }
```

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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