

Converting Colors

Hex(343348)

Have a look what the booklet for
Hex(343348) contains.

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Color

Hex(343348)

Conversions

Conversions Part 1

Format	Color
Hex	343348
RGB	52, 51, 72
RGB Percent	20%, 20%, 28%
CMY	0.7961, 0.8000, 0.7176
CMYK	0.28, 0.29, 0.00, 0.72
HSL	243°, 17%, 24%
HSV	243°, 29%, 28%
XYZ	3.7697, 3.5656, 6.6204
YIQ	53.6930, -6.1450, 6.7430

Conversions

Conversions Part 2

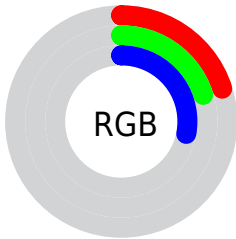
Format	Color
RYB	52, 51, 72
Decimal	3421000
CIELab	22.18, 5.94, -12.82
CIElCh	22, 14.129, 294.882
Yxy	3.5656, 0.2701, 0.2555
Android (android.graphics.Color)	4281611080 (0xFF343348)
YUV	53.6930, 9.0254, -1.4848
Hunter-Lab	18.8828, 2.5903, -7.5695

Details

The Hex color **343348** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **474833**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **636179**, and **09051D** is the 20% darker color. If you saturate the color by 10%, you get **2D2C48**, and if you desaturate by 10%, it is **3B3A48**.

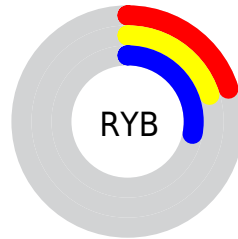
Distribution



Red (20%)

Green (20%)

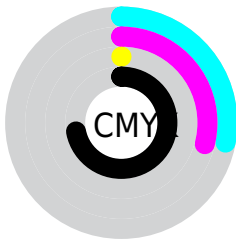
Blue (28%)



Red (20%)

Yellow (20%)

Blue (28%)

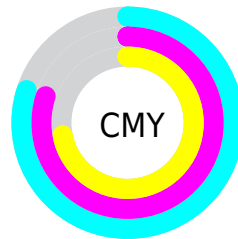


Cyan (28%)

Magenta (29%)

Yellow (0%)

Black (72%)



Cyan (80%)

Magenta (80%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 343348 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 343348 by changing the saturation by 10% instead.

■ 343348

■ 343348

FFFFFF

■ 1E1E31

■ 636179

■ 09051D

■ 7C7A92

■ 000000

■ 9694AD

■ B1AEC8

■ CCCAE4

■ E8E6FF

■ 343348

■ 343348

■ 2D2C48

■ 3B3A48

■ 262548

■ 424148

■ 1F1D48

■ 494948

■ 191648

■ 4F5048

■ 120F48

■ 565748

■ 0B0848

■ 5D5E48

■ 040148

■ 646548

■ 030048

■ 6B6D48

■ 727448

Harmonies

Analogous

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



24374A



343348



412F41

Triad

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



343348



463024



1B3B33

Complementary

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



343348



474833

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.



273929



343348



3E3420

Square

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



343348



4A2E2D



333722



123B3D

Rectangle

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



343348



462E3B



333722



1F3A2F

Sweetspot

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



343348



56565E



334748



2B2B30



B0B0B0



303030

Same Dimension

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



343348



3F3D5E



3E3348



202024



050063



0B00E3

Inverse Universe

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



483347



5E3D5D



3D4833



242024



63005F



E300D8

Previews

White Background



This preview shows how the Hex color 343348 looks on a white background.

Color Contrast Check

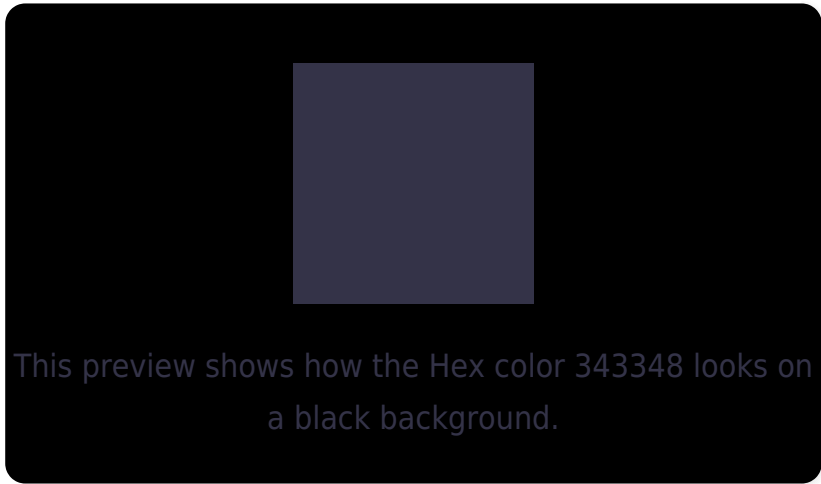
Large Text (above 18pt) WCAG AA ✓ Pass

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

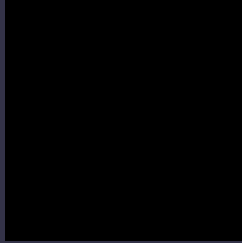
Any Text WCAG AA × Fail

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 343348 Background



This preview shows how black text looks on a background with the Hex color 343348.

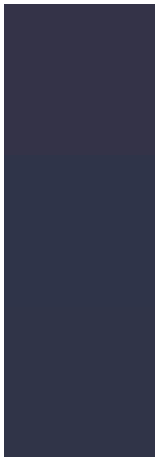


This preview shows how white text looks on a background with the Hex color 343348.

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](#).

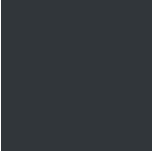
Dichromacy



Original Color
343348

Protanopia
2F3449

Deuteranopia
303448



Tritanopia
31363A

Trichromacy



Original Color
343348

Protanomaly
313449

Deuteranomaly
313448

Tritanomaly
32353F

Monochromacy



Original Color
343348

Achromatopsia
363636

Achromatomaly
35353D

CSS Examples

Text

The CSS property to change the color of the text to Hex 343348 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 #343348 looks like.

```
.text, #text, p{  
    color:#343348  
}
```

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 #343348 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #343348
}
```

Border

The CSS property to change the border of an element to Hex 343348 is called "border". The border property can be set on classes, ids or directly on the HTML element.

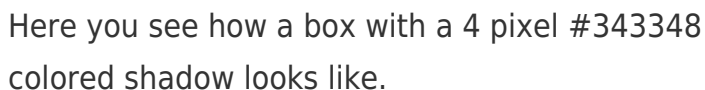
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#343348 }
```

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

```
.border{ border-color:#343348 }
```

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



Here you see how a box with a 4 pixel #343348 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #343348; -webkit-box-shadow:4px 4px  
4px 4px #343348; box-shadow:4px 4px 4px  
4px #343348 }
```

Background

The CSS property to change the background color of an element to Hex 343348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#343348 }
```

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

```
.background{ background-color:#343348 }
```

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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