

Converting Colors

Hex(343949)

Have a look what the booklet for
Hex(343949) contains.

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Color

Hex(343949)

Conversions

Conversions Part 1

Format	Color
Hex	343949
RGB	52, 57, 73
RGB Percent	20%, 22%, 29%
CMY	0.7961, 0.7765, 0.7137
CMYK	0.29, 0.22, 0.00, 0.71
HSL	226°, 17%, 25%
HSV	226°, 29%, 29%
XYZ	4.0819, 4.1374, 6.8868
YIQ	57.3290, -8.1160, 3.9160

Conversions

Conversions Part 2

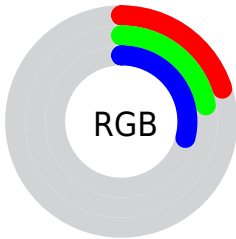
Format	Color
R_{YB}	52, 56, 73
Decimal	3422537
CIE _{Lab}	24.12, 2.16, -10.51
CIE _{LCh}	24, 10.733, 281.630
Yxy	4.1374, 0.2702, 0.2739
Android (android.graphics.Color)	4281612617 (0xFF343949)
YUV	57.3290, 7.7258, -4.6735
Hunter-Lab	20.3405, 0.2252, -5.8358

Details

The Hex color **343949** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **494434**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **63687A**, and **080E1D** is the 20% darker color. If you saturate the color by 10%, you get **2D3349**, and if you desaturate by 10%, it is **3B3F49**.

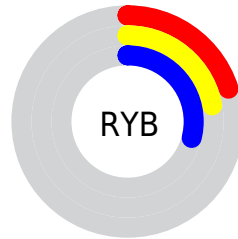
Distribution



Red (20%)

Green (22%)

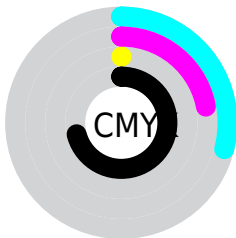
Blue (29%)



Red (20%)

Yellow (22%)

Blue (29%)

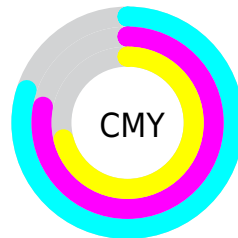


Cyan (29%)

Magenta (22%)

Yellow (0%)

Black (71%)



Cyan (80%)

Magenta (78%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 343949 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 343949 by changing the saturation by 10% instead.



343949



343949

FFFFFF



1E2432



63687A



080E1D



7C8193



000001



969BAE



000000



B1B6C9



CCD1E5



E8EEFF



343949



343949



2D3349



3B3F49

■ 252E49

■ 434449

■ 1E2849

■ 4A4A49

■ 172349

■ 514F49

■ 0F1D49

■ 595549

■ 081849

■ 605A49

■ 011249

■ 676049

■ 001149

■ 6E6549

■ 766B49

Harmonies

Analogous

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



293C48



343949



3F3645

Triad

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



343949



49352F



2A3E34

Complementary

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



343949



494434

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.



333C2D



343949



44372A

Square

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



343949



4A3436



3C3A2A



243E3C

Rectangle

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



343949



443541



3C3A2A



2D3D31

Sweetspot

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



343949



56585E



344944



2B2C30



B0B0B0



303030

Same Dimension

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



343949



3D455E



393449



202124



001863



0036E3

Inverse Universe

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



493439



5E3D45



444934



242021



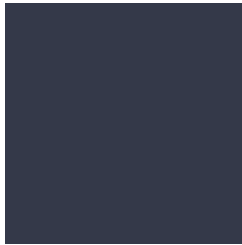
630018



E30036

Previews

White Background



This preview shows how the Hex color 343949 looks on a white background.

Color Contrast Check

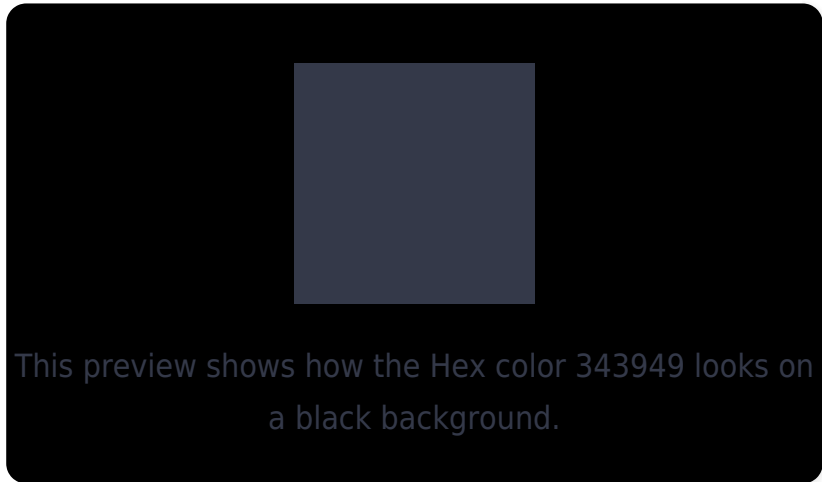
Large Text (above 18pt) WCAG AA ✓ Pass

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

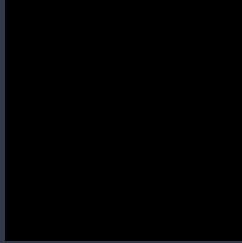
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

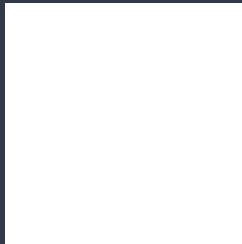
Any Text WCAG AAA × Fail

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

Hex 343949 Background



This preview shows how black text looks on a background with the Hex color 343949.



This preview shows how white text looks on a background with the Hex color 343949.

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
343949

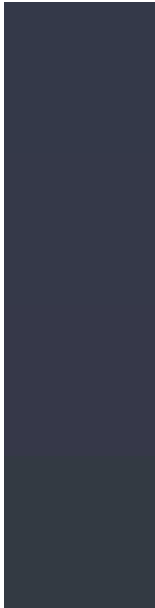
Protanopia
353949

Deuteranopia
373849



Tritanopia
323B3F

Trichromacy



Original Color
343949

Protanomaly
353949

Deuteranomaly
363849

Tritanomaly
333A43

Monochromacy



Original Color
343949

Achromatopsia
393939

Achromatomaly
37393F

CSS Examples

Text

The CSS property to change the color of the text to Hex 343949 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 #343949 looks like.

```
.text, #text, p{  
    color:#343949  
}
```

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 #343949 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #343949
}
```

Border

The CSS property to change the border of an element to Hex 343949 is called "border". The border property can be set on classes, ids or directly on the HTML element.

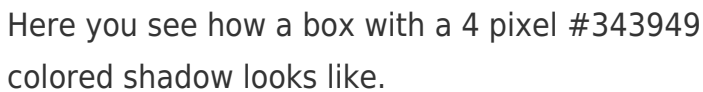
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#343949 }
```

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

```
.border{ border-color:#343949 }
```

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



Here you see how a box with a 4 pixel #343949 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #343949; -webkit-box-shadow:4px 4px  
4px 4px #343949; box-shadow:4px 4px 4px  
4px #343949 }
```

Background

The CSS property to change the background color of an element to Hex 343949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#343949 }
```

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

```
.background{ background-color:#343949 }
```

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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