

Converting Colors

Hex(343038)

Have a look what the booklet for
Hex(343038) contains.

Hex(343038)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(343038)

Conversions

Conversions Part 1

Format	Color
Hex	343038
RGB	52, 48, 56
RGB Percent	20%, 19%, 22%
CMY	0.7961, 0.8118, 0.7804
CMYK	0.07, 0.14, 0.00, 0.78
HSL	270°, 8%, 20%
HSV	270°, 14%, 22%
XYZ	3.1869, 3.1295, 4.1775
YIQ	50.1080, -0.1840, 3.3360

Conversions

Conversions Part 2

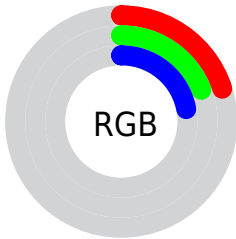
Format	Color
RYB	52, 48, 56
Decimal	3420216
CIELab	20.56, 3.67, -4.43
CIELCh	21, 5.749, 309.612
Yxy	3.1295, 0.3037, 0.2982
Android (android.graphics.Color)	4281610296 (0xFF343038)
YUV	50.1080, 2.9048, 1.6593
Hunter-Lab	17.6904, 1.1988, -1.6177

Details

The Hex color **343038** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **343830**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **625E67**, and **06000D** is the 20% darker color. If you saturate the color by 10%, you get **312A38**, and if you desaturate by 10%, it is **373638**.

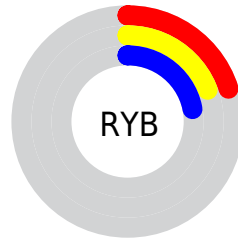
Distribution



Red (20%)

Green (19%)

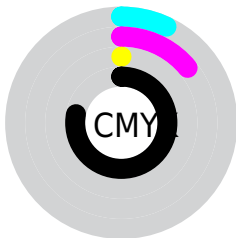
Blue (22%)



Red (20%)

Yellow (19%)

Blue (22%)

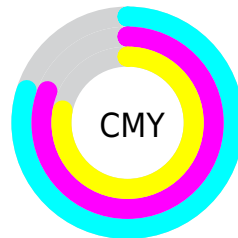


Cyan (7%)

Magenta (14%)

Yellow (0%)

Black (78%)



Cyan (80%)

Magenta (81%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 343038 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 343038 by changing the saturation by 10% instead.

■ 343038

■ 343038

FFFFFF

■ 1F1B23

■ 625E67

■ 06000D

■ 7B7780

■ 000000

■ 95909A

■ B0ABB5

■ CBC6D0

■ E7E2EC

■ 343038

■ 343038

■ 312A38

■ 373638

■ 2E2538

■ 3A3B38

■ 2C1F38

■ 3C4138

■ 291A38

■ 3F4638

■ 261438

■ 424C38

■ 230E38

■ 455238

■ 200938

■ 485738

■ 1E0338

■ 4A5D38

■ 1C0038

■ 4D6238

Harmonies

Analogous

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



2F313A



343038



382F35

Triad

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



343038



38302A



273433

Complementary

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



343038



343830

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.



2A342E



343038



343229

Square

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



343038



3A2F2C



2F332B



273437

Rectangle

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



343038



3A2F32



2F332B



283431

Sweetspot

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



343038



48474A



303438



252426



A6A6A6



262626

Same Dimension

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



343038



443D4A



383038



1B191C



2E005C



6E00DB

Inverse Universe

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



383034



4A3D44



303830



1C191B



5C002E



DB006E

Previews

White Background



This preview shows how the Hex color 343038 looks on a white background.

Color Contrast Check

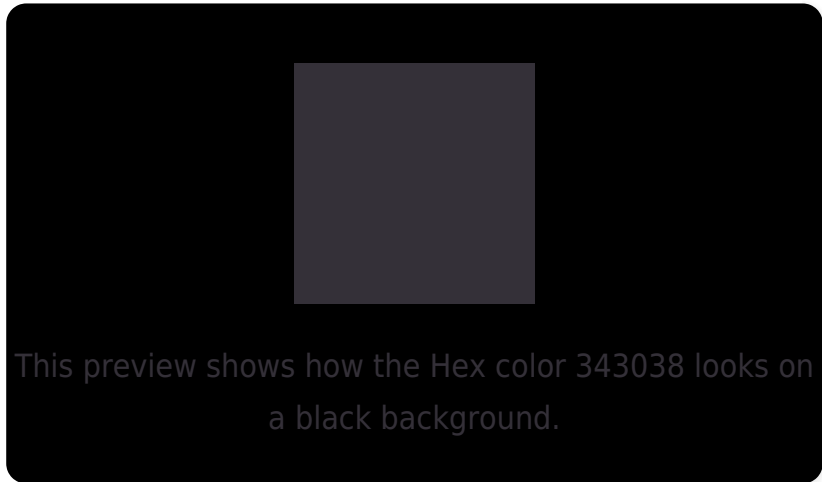
Large Text (above 18pt) WCAG AA ✓ Pass

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

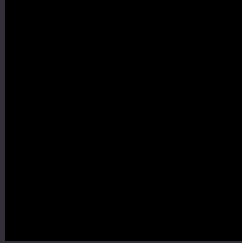
Any Text WCAG AA × Fail

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 343038 Background



This preview shows how black text looks on a background with the Hex color 343038.



This preview shows how white text looks on a background with the Hex color 343038.

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
343038

Protanopia
303139

Deuteranopia
333038



Tritanopia
333134

Trichromacy



Original Color

343038

Protanomaly

313139

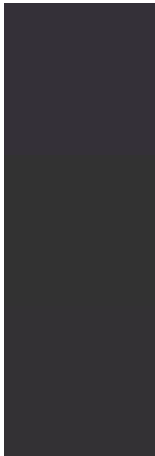
Deuteranomaly

333038

Tritanomaly

333135

Monochromacy



Original Color

343038

Achromatopsia

323232

Achromatomaly

333134

CSS Examples

Text

The CSS property to change the color of the text to Hex 343038 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 #343038 looks like.

```
.text, #text, p{  
    color:#343038  
}
```

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 #343038 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #343038
}
```

Border

The CSS property to change the border of an element to Hex 343038 is called "border". The border property can be set on classes, ids or directly on the HTML element.

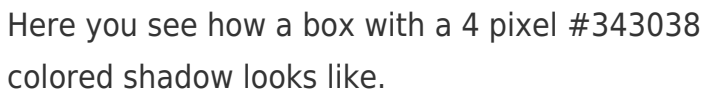
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#343038 }
```

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

```
.border{ border-color:#343038 }
```

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



Here you see how a box with a 4 pixel #343038 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #343038; -webkit-box-shadow:4px 4px  
4px 4px #343038; box-shadow:4px 4px 4px  
4px #343038 }
```

Background

The CSS property to change the background color of an element to Hex 343038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#343038 }
```

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

```
.background{ background-color:#343038 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor