

Converting Colors

Hex(343138)

Have a look what the booklet for
Hex(343138) contains.

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Color

Hex(343138)

Conversions

Conversions Part 1

Format	Color
Hex	343138
RGB	52, 49, 56
RGB Percent	20%, 19%, 22%
CMY	0.7961, 0.8078, 0.7804
CMYK	0.07, 0.13, 0.00, 0.78
HSL	266°, 7%, 21%
HSV	266°, 12%, 22%
XYZ	3.2283, 3.2122, 4.1912
YIQ	50.6950, -0.4590, 2.8130

Conversions

Conversions Part 2

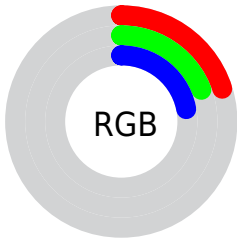
Format	Color
R_{YB}	52, 49, 56
Decimal	3420472
CIE _{Lab}	20.87, 2.98, -3.95
CIE _{LCh}	21, 4.952, 307.048
Yxy	3.2122, 0.3036, 0.3021
Android (android.graphics.Color)	4281610552 (0xFF343138)
YUV	50.6950, 2.6154, 1.1445
Hunter-Lab	17.9226, 0.7875, -1.3192

Details

The Hex color **343138** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **353831**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **625F67**, and **06010D** is the 20% darker color. If you saturate the color by 10%, you get **312B38**, and if you desaturate by 10%, it is **373738**.

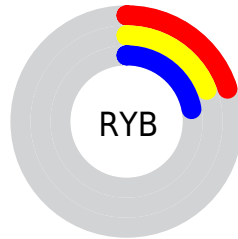
Distribution



Red (20%)

Green (19%)

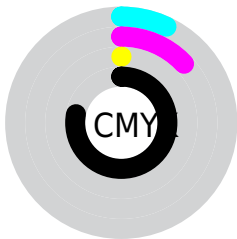
Blue (22%)



Red (20%)

Yellow (19%)

Blue (22%)

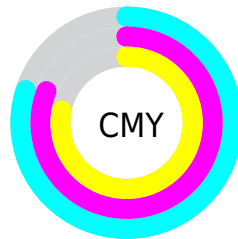


Cyan (7%)

Magenta (13%)

Yellow (0%)

Black (78%)



Cyan (80%)

Magenta (81%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 343138 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 343138 by changing the saturation by 10% instead.

■ 343138

■ 343138

FFFFFF

■ 1F1C23

■ 625F67

■ 06010D

■ 7B7880

■ 000000

■ 95919A

■ B0ACB5

■ CBC7D0

■ E7E3EC

■ 343138

■ 343138

■ 312B38

■ 373738

■ 2E2638

■ 3A3C38

■ 2A2038

■ 3E4238

■ 271B38

■ 414738

■ 241538

■ 444D38

■ 210F38

■ 475338

■ 1E0A38

■ 4A5838

■ 1A0438

■ 4E5E38

■ 180038

■ 516338

Harmonies

Analogous

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



2F3239



343138



383035

Triad

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



343138



38312C



2A3433

Complementary

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



343138



353831

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.



2C342F



343138



34322B

Square

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



343138



3A302E



30332C



293436

Rectangle

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



343138



393033



30332C



2A3432

Sweetspot

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



343138



48474A



313538



252426



A6A6A6



262626

Same Dimension

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



343138



443F4A



373138



1A191C



27005C



5E00DB

Inverse Universe

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



383135



4A3F45



323831



1C191B



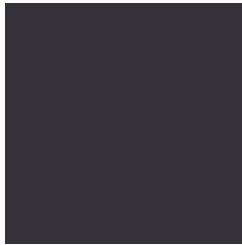
5C0034



DB007D

Previews

White Background



This preview shows how the Hex color 343138 looks on a white background.

Color Contrast Check

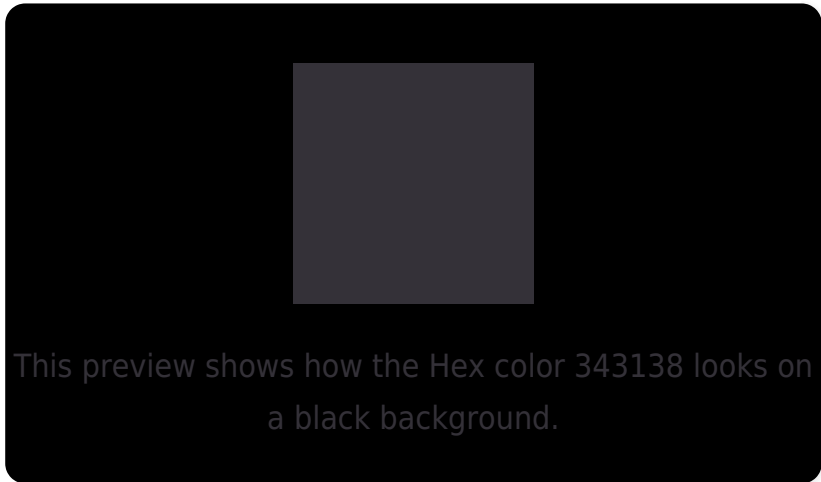
Large Text (above 18pt) WCAG AA ✓ Pass

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

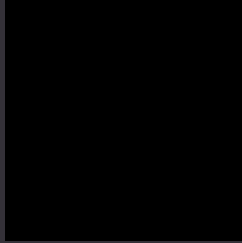
Any Text WCAG AA × Fail

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 343138 Background



This preview shows how black text looks on a background with the Hex color 343138.



This preview shows how white text looks on a background with the Hex color 343138.

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
343138

Protanopia
313239

Deuteranopia
343138



Tritanopia
343135

Trichromacy



Original Color

343138

Protanomaly

323239

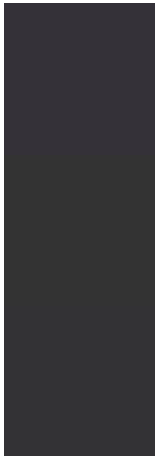
Deuteranomaly

343138

Tritanomaly

343136

Monochromacy



Original Color

343138

Achromatopsia

333333

Achromatomaly

333235

CSS Examples

Text

The CSS property to change the color of the text to Hex 343138 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 #343138 looks like.

```
.text, #text, p{  
    color:#343138  
}
```

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 #343138 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #343138
}
```

Border

The CSS property to change the border of an element to Hex 343138 is called "border". The border property can be set on classes, ids or directly on the HTML element.

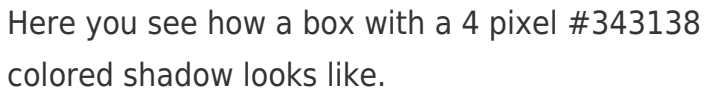
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#343138 }
```

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

```
.border{ border-color:#343138 }
```

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



Here you see how a box with a 4 pixel #343138 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #343138; -webkit-box-shadow:4px 4px  
4px 4px #343138; box-shadow:4px 4px 4px  
4px #343138 }
```

Background

The CSS property to change the background color of an element to Hex 343138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#343138 }
```

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

```
.background{ background-color:#343138 }
```

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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