

Converting Colors

Hex(343737)

Have a look what the booklet for
Hex(343737) contains.

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Color

Hex(343737)

Conversions

Conversions Part 1

Format	Color
Hex	343737
RGB	52, 55, 55
RGB Percent	20%, 22%, 22%
CMY	0.7961, 0.7843, 0.7843
CMYK	0.05, 0.00, 0.00, 0.78
HSL	180°, 3%, 21%
HSV	180°, 5%, 22%
XYZ	3.4720, 3.7383, 4.1530
YIQ	54.1030, -1.7880, -0.6360

Conversions

Conversions Part 2

Format	Color
R_{YB}	52, 54, 55
Decimal	3422007
CIE Lab	22.79, -1.28, -0.45
CIE LCh	23, 1.359, 199.313
Yxy	3.7383, 0.3055, 0.3290
Android (android.graphics.Color)	4281612087 (0xFF343737)
YUV	54.1030, 0.4422, -1.8443
Hunter-Lab	19.3346, -1.7820, 0.7990

Details

The Hex color **343737** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **373434**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **626666**, and **060B0B** is the 20% darker color. If you saturate the color by 10%, you get **2F3737**, and if you desaturate by 10%, it is **3A3737**.

Distribution



Red (20%)

Green (22%)

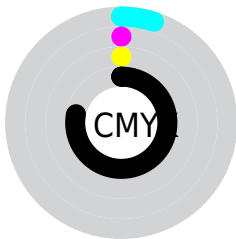
Blue (22%)



Red (20%)

Yellow (21%)

Blue (22%)



Cyan (5%)

Magenta (0%)

Yellow (0%)

Black (78%)



Cyan (80%)

Magenta (78%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 343737 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 343737 by changing the saturation by 10% instead.

■ 343737

■ 343737

FFFFFF

■ 1F2222

■ 626666

■ 060B0B

■ 7B7F7F

■ 000000

■ 959999

■ B0B3B3

■ CBCFCF

■ E7EBEB

■ 343737

■ 343737

■ 2F3737

■ 3A3737

■ 293737

■ 3F3737

■ 243737

■ 453737

■ 1E3737

■ 4A3737

■ 193737

■ 503737

■ 133737

■ 553737

■ 0D3737

■ 5A3737

■ 083737

■ 603737

■ 023737

■ 663737

Harmonies

Analogous

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



343736



343737



343738

Triad

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



343737



373638



383634

Complementary

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



343737



373434

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.



383635



343737



383637

Square

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



343737



363638



393636



373734

Rectangle

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



343737



353738



393636



383635

Sweetspot

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



343737



464747



343734



232424



A3A3A3



242424

Same Dimension

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



343737



424747



343637



1A1C1C



005C5C



00DBDB

Inverse Universe

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



373437



474247



373634



1C1A1C



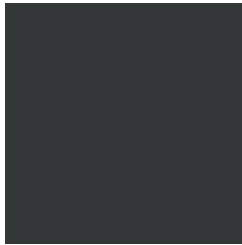
5C005C



DB00DB

Previews

White Background



This preview shows how the Hex color 343737 looks on a white background.

Color Contrast Check

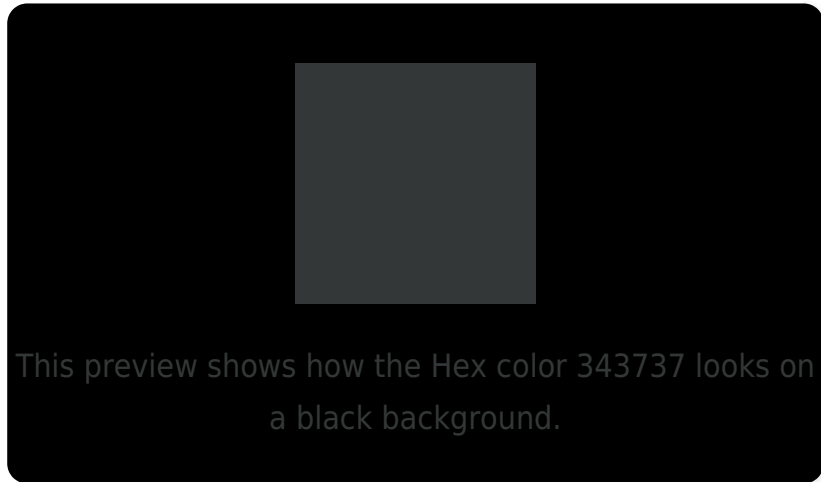
Large Text (above 18pt) WCAG AA ✓ Pass

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

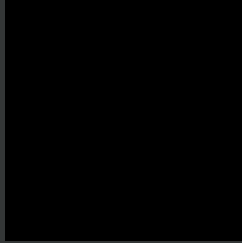
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

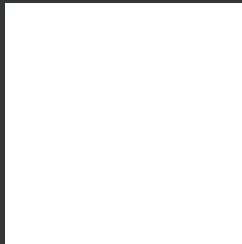
Any Text WCAG AAA × Fail

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

Hex 343737 Background



This preview shows how black text looks on a background with the Hex color 343737.

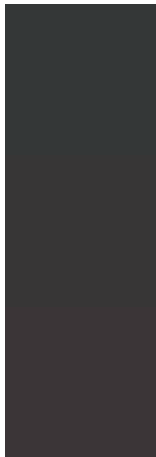


This preview shows how white text looks on a background with the Hex color 343737.

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](#).

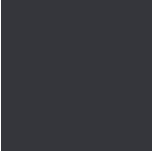
Dichromacy



Original Color
343737

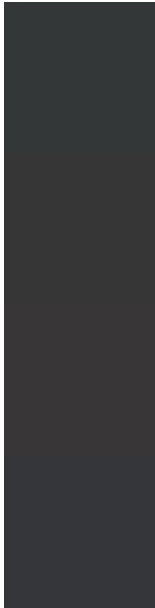
Protanopia
373636

Deuteranopia
3B3537



Tritanopia
35363B

Trichromacy



Original Color

343737

Protanomaly

363636

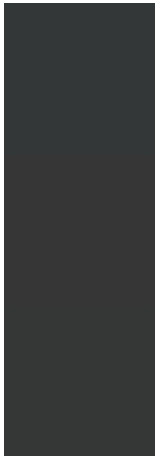
Deuteranomaly

383637

Tritanomaly

35363A

Monochromacy



Original Color

343737

Achromatopsia

363636

Achromatomaly

353636

CSS Examples

Text

The CSS property to change the color of the text to Hex 343737 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 #343737 looks like.

```
.text, #text, p{  
    color:#343737  
}
```

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 #343737 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #343737
}
```

Border

The CSS property to change the border of an element to Hex 343737 is called "border". The border property can be set on classes, ids or directly on the HTML element.

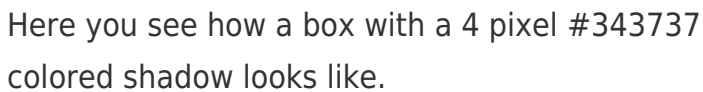
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#343737 }
```

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

```
.border{ border-color:#343737 }
```

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



Here you see how a box with a 4 pixel #343737 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #343737; -webkit-box-shadow:4px 4px  
4px 4px #343737; box-shadow:4px 4px 4px  
4px #343737 }
```

Background

The CSS property to change the background color of an element to Hex 343737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#343737 }
```

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

```
.background{ background-color:#343737 }
```

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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