

Converting Colors

Hex(333838)

Have a look what the booklet for
Hex(333838) contains.

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Color

Hex(333838)

Conversions

Conversions Part 1

Format	Color
Hex	333838
RGB	51, 56, 56
RGB Percent	20%, 22%, 22%
CMY	0.8000, 0.7804, 0.7804
CMYK	0.09, 0.00, 0.00, 0.78
HSL	180°, 5%, 21%
HSV	180°, 9%, 22%
XYZ	3.4932, 3.8177, 4.2942
YIQ	54.5050, -2.9800, -1.0600

Conversions

Conversions Part 2

Format	Color
R_{YB}	51, 54, 56
Decimal	3356728
CIE Lab	23.06, -2.12, -0.73
CIE LCh	23, 2.244, 199.089
Yxy	3.8177, 0.3010, 0.3290
Android (android.graphics.Color)	4281546808 (0xFF333838)
YUV	54.5050, 0.7370, -3.0739
Hunter-Lab	19.5389, -2.2802, 0.6468

Details

The Hex color **333838** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **383333**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **616767**, and **050D0D** is the 20% darker color. If you saturate the color by 10%, you get **2D3838**, and if you desaturate by 10%, it is **393838**.

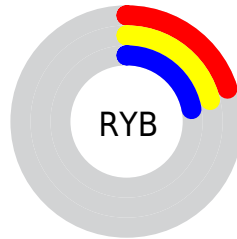
Distribution



Red (20%)

Green (22%)

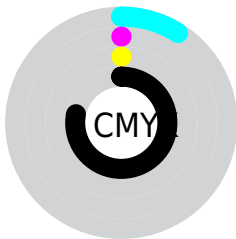
Blue (22%)



Red (20%)

Yellow (21%)

Blue (22%)

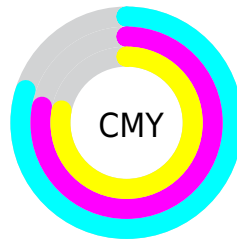


Cyan (9%)

Magenta (0%)

Yellow (0%)

Black (78%)



Cyan (80%)

Magenta (78%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 333838 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 333838 by changing the saturation by 10% instead.

■ 333838

■ 333838

FFFFFF

■ 1E2323

■ 616767

■ 050D0D

■ 7A8080

■ 000000

■ 949A9A

■ AFB5B5

■ CAD0D0

■ E6ECEC

■ 333838

■ 333838

■ 2D3838

■ 393838

■ 283838

■ 3E3838

■ 223838

■ 443838

■ 1D3838

■ 493838

■ 173838

■ 4F3838

■ 113838

■ 553838

■ 0C3838

■ 5A3838

■ 063838

■ 603838

■ 013838

■ 653838

Harmonies

Analogous

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



343836



333838



333839

Triad

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



333838



393639



393734

Complementary

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



333838



383333

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.



3A3635



333838



3A3638

Square

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



333838



37373A



3B3636



373734

Rectangle

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



333838



34373A



3B3636



3A3634

Sweetspot

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



333838



484A4A



333833



252626



A6A6A6



262626

Same Dimension

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



333838



424A4A



333638



191C1C



005C5C



00DBDB

Inverse Universe

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



383338



4A424A



383633



1C191C



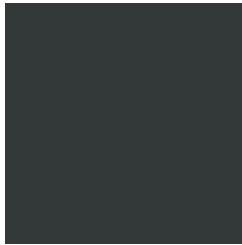
5C005C



DB00DB

Previews

White Background



This preview shows how the Hex color 333838 looks on a white background.

Color Contrast Check

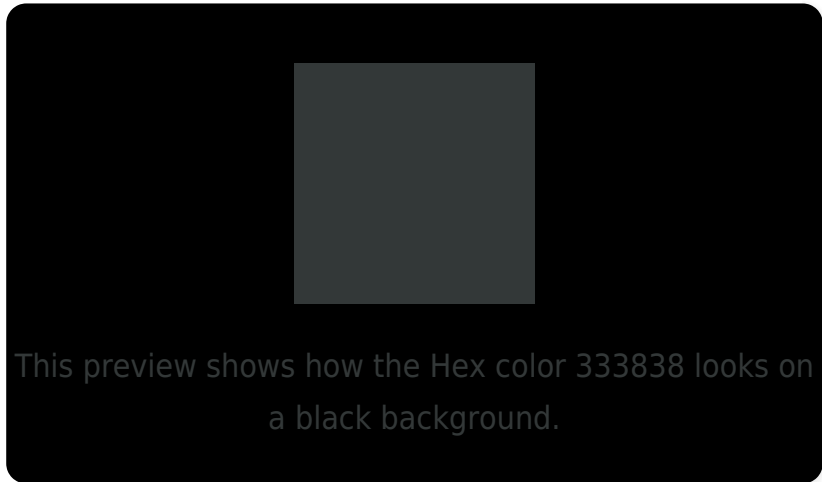
Large Text (above 18pt) WCAG AA ✓ Pass

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

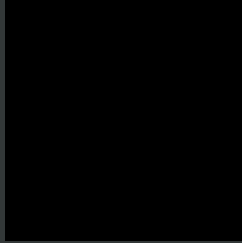
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

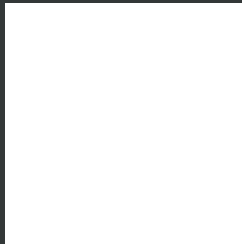
Any Text WCAG AAA × Fail

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

Hex 333838 Background



This preview shows how black text looks on a background with the Hex color 333838.

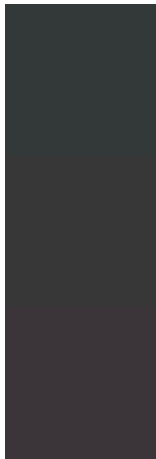


This preview shows how white text looks on a background with the Hex color 333838.

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
333838

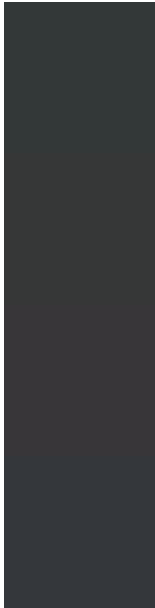
Protanopia
383737

Deuteranopia
3B3539



Tritanopia
34373C

Trichromacy



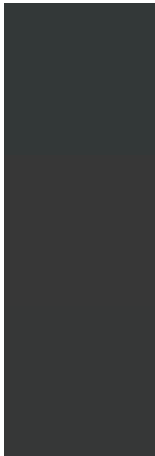
Original Color
333838

Protanomaly
363737

Deuteranomaly
383639

Tritanomaly
34373B

Monochromacy



Original Color
333838

Achromatopsia
373737

Achromatomaly
363737

CSS Examples

Text

The CSS property to change the color of the text to Hex 333838 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 #333838 looks like.

```
.text, #text, p{  
    color:#333838  
}
```

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 #333838 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #333838  
}
```

Border

The CSS property to change the border of an element to Hex 333838 is called "border". The border property can be set on classes, ids or directly on the HTML element.

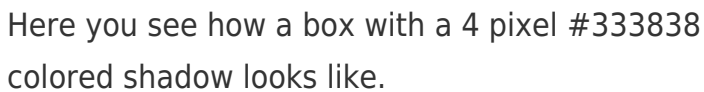
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#333838 }
```

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

```
.border{ border-color:#333838 }
```

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



Here you see how a box with a 4 pixel #333838 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #333838; -webkit-box-shadow:4px 4px  
4px 4px #333838; box-shadow:4px 4px 4px  
4px #333838 }
```

Background

The CSS property to change the background color of an element to Hex 333838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#333838 }
```

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

```
.background{ background-color:#333838 }
```

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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