

Converting Colors

Hex(333938)

Have a look what the booklet for
Hex(333938) contains.

Hex(333938)	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(333938)

Conversions

Conversions Part 1

Format	Color
Hex	333938
RGB	51, 57, 56
RGB Percent	20%, 22%, 22%
CMY	0.8000, 0.7765, 0.7804
CMYK	0.11, 0.00, 0.02, 0.78
HSL	170°, 6%, 21%
HSV	170°, 11%, 22%
XYZ	3.5422, 3.9156, 4.3105
YIQ	55.0920, -3.2550, -1.5830

Conversions

Conversions Part 2

Format	Color
RYB	51, 54, 57
Decimal	3356984
CIELab	23.39, -2.77, -0.25
CIELCh	23, 2.785, 185.128
Yxy	3.9156, 0.3010, 0.3327
Android (android.graphics.Color)	4281547064 (0xFF333938)
YUV	55.0920, 0.4476, -3.5887
Hunter-Lab	19.7878, -2.6758, 0.9361

Details

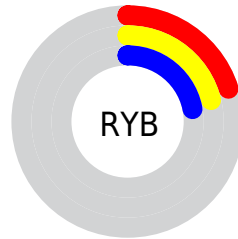
The Hex color **333938** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **393334**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **616867**, and **050E0D** is the 20% darker color. If you saturate the color by 10%, you get **2D3937**, and if you desaturate by 10%, it is **393939**.

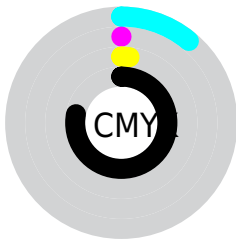
Distribution



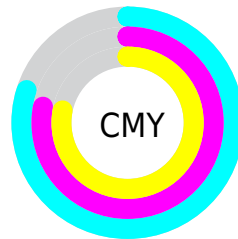
- Red (20%)
- Green (22%)
- Blue (22%)



- Red (20%)
- Yellow (21%)
- Blue (22%)



- Cyan (11%)
- Magenta (0%)
- Yellow (2%)
- Black (78%)



- Cyan (80%)
- Magenta (78%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 333938 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 333938 by changing the saturation by 10% instead.

■ 333938

■ 333938

FFFFFF

■ 1E2423

■ 616867

■ 050E0D

■ 7A8180

■ 000000

■ 949B9A

■ AFB6B5

■ CAD1D0

■ E6EEEC

■ 333938

■ 333938

■ 2D3937

■ 393939

■ 283936

■ 3E393A

■ 223935

■ 44393B

■ 1C3934

■ 4A393C

■ 173933

■ 50393D

■ 113932

■ 55393E

■ 0B3931

■ 5B393F

■ 053930

■ 613940

■ 00392F

■ 663941

Harmonies

Analogous

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



343936



333938



33393A

Triad

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



333938



39373B



3B3734

Complementary

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



333938



393334

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.



3C3735



333938



3B373A

Square

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



333938



36383C



3C3637



393834

Rectangle

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



333938



33393B



3C3637



3C3734

Sweetspot

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



333938



484A4A



343933



252626



A6A6A6



262626

Same Dimension

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



333938



404A48



333739



191C1C



005C4C



00DBB7

Inverse Universe

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



393334



4A4042



393533



1C191A



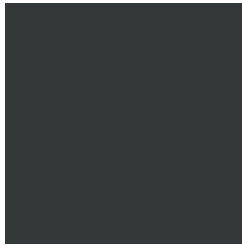
5C000F



DB0025

Previews

White Background



This preview shows how the Hex color 333938 looks on a white background.

Color Contrast Check

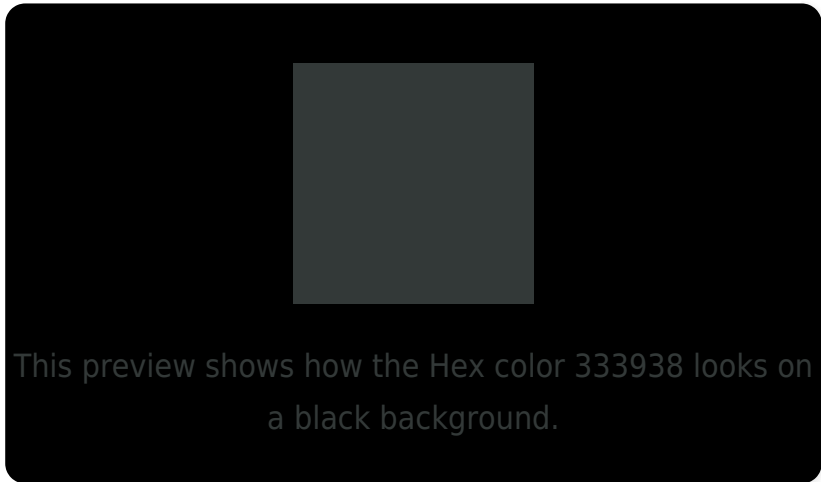
Large Text (above 18pt) WCAG AA ✓ Pass

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

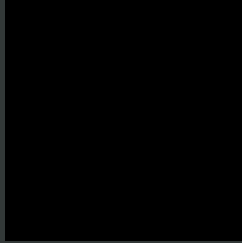
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

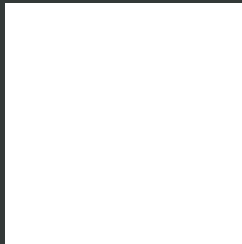
Any Text WCAG AAA × Fail

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

Hex 333938 Background



This preview shows how black text looks on a background with the Hex color 333938.



This preview shows how white text looks on a background with the Hex color 333938.

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](#).

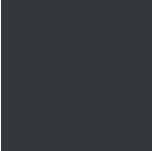
Dichromacy



Original Color
333938

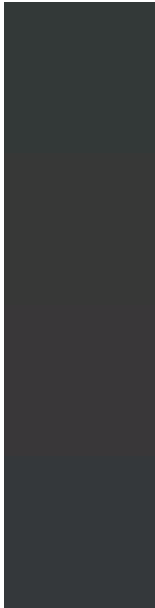
Protanopia
393737

Deuteranopia
3D3639



Tritanopia
34383D

Trichromacy



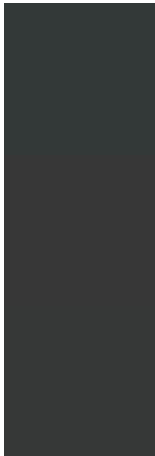
Original Color
333938

Protanomaly
373837

Deuteranomaly
393739

Tritanomaly
34383B

Monochromacy



Original Color
333938

Achromatopsia
373737

Achromatomaly
363837

CSS Examples

Text

The CSS property to change the color of the text to Hex 333938 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 #333938 looks like.

```
.text, #text, p{  
    color:#333938  
}
```

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 #333938 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #333938
}
```

Border

The CSS property to change the border of an element to Hex 333938 is called "border". The border property can be set on classes, ids or directly on the HTML element.

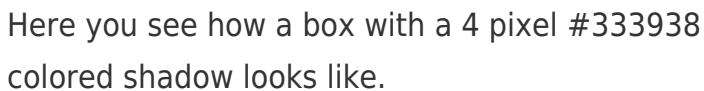
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#333938 }
```

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

```
.border{ border-color:#333938 }
```

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



Here you see how a box with a 4 pixel #333938 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #333938; -webkit-box-shadow:4px 4px  
4px 4px #333938; box-shadow:4px 4px 4px  
4px #333938 }
```

Background

The CSS property to change the background color of an element to Hex 333938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#333938 }
```

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

```
.background{ background-color:#333938 }
```

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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